

Product Information 2026

- Residual current circuit-breakers
- RCCBs with overcurrent protection
- Circuit-Breakers with residual current trip
- Modular residual current devices
- Residual current monitors
- Miniature circuit-breakers
- Load disconnectors, installation relays, pulse relays
- Installation contactors
- Twilight- and float switches



Product Information 1/2026

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Product Management

Quality Management

Returns

DFS NU and DHS NU/NUS

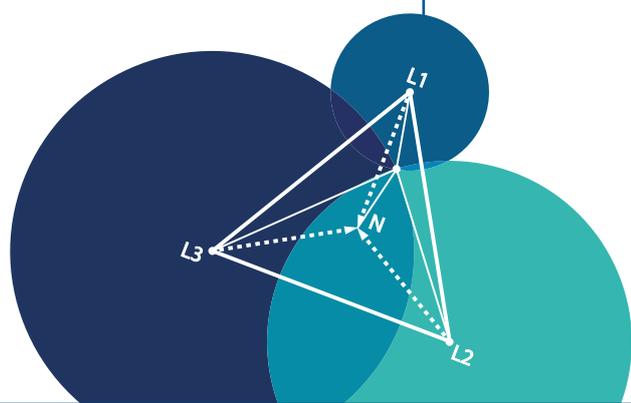


Focus on the neutral conductor

One of the most common causes of damage to electronic equipment in households, commercial applications, and industry is an interruption of the neutral conductor. In the event of asymmetrical loading of the line conductors, a neutral point shift occurs. The resulting overvoltage can severely damage connected electronically controlled devices and, in the worst case, cause fires. The new DFS 6 NU residual current circuit-breakers and DHS 6 NU/NUS main switches from Doepke prevent this.

- detection of mains conductor interruption
- protection against overvoltage caused by neutral conductor interruption
- DFS 6 NU and DHS 6 NU monitor all line conductors and the neutral conductor on the supply side
- DHS 6 NUS additionally monitors the neutral rail

personal and property protection



DPRCD-M



Greater safety in mobile applications

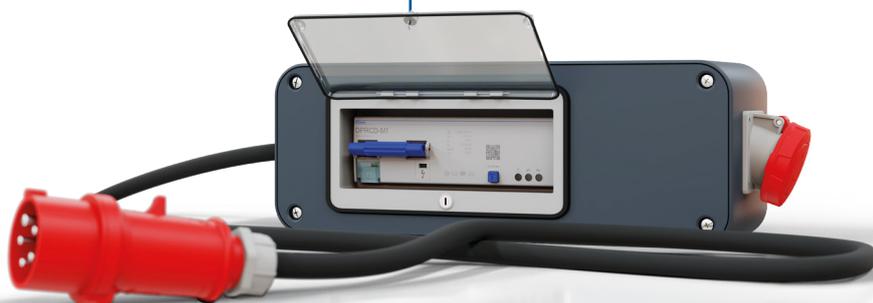
The DPRCD-M is a compact module for assembling a five-pole personal protection switch. As the core component of a mobile PRCD, it is installed between the three-phase socket and the load.

The DPRCD-M combines an AC-DC sensitive residual current device with monitoring of the mains conductors and the protective conductor.

For enhanced safety in the construction industry, the event sector, and during rescue operations.

- 6 mA DC threshold ensures the protective function of upstream residual current circuit-breakers
- protective conductor monitoring
- undervoltage release
- mains conductor monitoring
- external residual current detection
- rotating field indication, lockable

mobile
personal
protection



residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN
(4014712...)



residual current circuit-breaker DFS 4 A EV, 2-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility

25 A

DFS 4 025-2/0,03-A EV	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09124018	215979
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40 A

DFS 4 040-2/0,03-A EV	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134018	220096
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility

40 A

DFS 4 040-4/0,03-A EV	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134818	215955
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63 A

DFS 4 063-4/0,03-A EV	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09144818	220119
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80 A

DFS 4 080-4/0,03-A EV	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09154818	240803
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All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV NA, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility, emergency switching-off function

40 A

DFS 4 040-4/0,03-A EV NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/6	09134850	270343
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63 A

DFS 4 063-4/0,03-A EV NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/6	09144850	270367
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All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 A EV NA HD, 4-pole



sensitive to pulsating and alternating currents Type A, with DC tripping threshold 6 mA, for electromobility, emergency switching-off function, for harsh environments

40 A

DFS 4 040-4/0,03-A EV NA HD	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/6	09134850HD	278141
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63 A

DFS 4 063-4/0,03-A EV NA HD	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/6	09144850HD	278172
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All devices also available with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)



residual current circuit-breaker DFS 4 F EV, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant, with DC tripping threshold 6 mA, for electromobility

25 A

DFS 4 025-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09124814	242944
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40 A

DFS 4 040-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09134814	243002
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63 A

DFS 4 063-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09144814	242968
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80 A

DFS 4 080-4/0,03-F EV	I Δ n = 0.03 A	4	1/20	09154814	242982
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All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 F EV HD, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant, with DC tripping threshold 6 mA, for electromobility, for harsh environments

25 A

DFS 4 025-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09124814HD	246607
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40 A

DFS 4 040-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09134814HD	246584
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63 A

DFS 4 063-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09144814HD	246560
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80 A

DFS 4 080-4/0,03-F EV HD	I Δ n = 0.03 A	4	1/20	09154814HD	246546
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All devices also available with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 2 HP, 2-pole



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

25 A

DFS 2 025-2/0,03-HP	I Δ n = 0.03 A	2	1/40	09124505	287822
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DFS 2 025-2/0,10-HP	I Δ n = 0.1 A	2	1/40	09125505	286054
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DFS 2 025-2/0,30-HP	I Δ n = 0.3 A	2	1/40	09126505	286078
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40 A

DFS 2 040-2/0,03-HP	I Δ n = 0.03 A	2	1/40	09134505	287907
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DFS 2 040-2/0,10-HP	I Δ n = 0.1 A	2	1/40	09135505	286092
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DFS 2 040-2/0,30-HP	I Δ n = 0.3 A	2	1/40	09136505	286115
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63 A

DFS 2 063-2/0,03-HP	I Δ n = 0.03 A	2	1	09144505	289741
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Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag, Devices from 100 mA are VDE-certified.

All devices are also available in HD design.

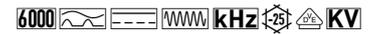
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)



residual current circuit-breaker DFS 2 HP HD, 2-pole



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

25 A

DFS 2 025-2/0,03-HP HD	I Δ n = 0.03 A	2	1/40	09124505HD	287846
DFS 2 025-2/0,10-HP HD	I Δ n = 0.1 A	2	1/40	09125505HD	285972
DFS 2 025-2/0,30-HP HD	I Δ n = 0.3 A	2	1/40	09126505HD	285996

40 A

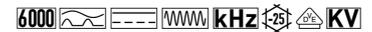
DFS 2 040-2/0,03-HP HD	I Δ n = 0.03 A	2	1/40	09134505HD	287921
DFS 2 040-2/0,10-HP HD	I Δ n = 0.1 A	2	1/40	09135505HD	286016
DFS 2 040-2/0,30-HP HD	I Δ n = 0.3 A	2	1/40	09136505HD	286030

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag, Devices from 100 mA are VDE-certified.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 HP, 4-pole



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

40 A

DFS 4 040-4/0,03-HP	I Δ n = 0.03 A	4	1/20	09134805	287747
DFS 4 040-4/0,10-HP	I Δ n = 0.1 A	4	1/20	09135805	286139
DFS 4 040-4/0,30-HP	I Δ n = 0.3 A	4	1/20	09136805	286153

63 A

DFS 4 063-4/0,03-HP	I Δ n = 0.03 A	4	1/20	09144805	287761
DFS 4 063-4/0,10-HP	I Δ n = 0.1 A	4	1/20	09145805	286177
DFS 4 063-4/0,30-HP	I Δ n = 0.3 A	4	1/20	09146805	286191

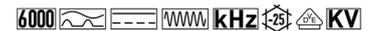
Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag, Devices from 100 mA are VDE-certified.

All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker DFS 4 HP HD, 4-pole



AC-DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

40 A

DFS 4 040-4/0,03-HP HD	I Δ n = 0.03 A	4	1/20	09134805HD	287754
DFS 4 040-4/0,10-HP HD	I Δ n = 0.1 A	4	1/20	09135805HD	285897
DFS 4 040-4/0,30-HP HD	I Δ n = 0.3 A	4	1/20	09136805HD	285910

63 A

DFS 4 063-4/0,03-HP HD	I Δ n = 0.03 A	4	1	09144805HD	287778
DFS 4 063-4/0,10-HP HD	I Δ n = 0.1 A	4	1/20	09145805HD	285934
DFS 4 063-4/0,30-HP HD	I Δ n = 0.3 A	4	1/20	09146805HD	285958

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag, Devices from 100 mA are VDE-certified.

All devices are also available with N right.

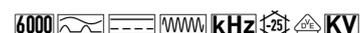
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)



residual current circuit-breaker DFS 2 PV, 2-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

25 A

DFS 2 025-2/0,10-PV	I Δ n = 0.1 A	2	1	09125504	285248
DFS 2 025-2/0,30-PV	I Δ n = 0.3 A	2	1	09126504	285286

40 A

DFS 2 040-2/0,10-PV	I Δ n = 0.1 A	2	1	09135504	285323
DFS 2 040-2/0,30-PV	I Δ n = 0.3 A	2	1	09136504	285361

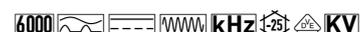
Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker DFS 2 PV HD, 2-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

25 A

DFS 2 025-2/0,10-PV HD	I Δ n = 0.1 A	2	1/40	09125504HD	285262
DFS 2 025-2/0,30-PV HD	I Δ n = 0.3 A	2	1/40	09126504HD	285309

40 A

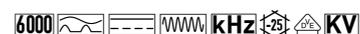
DFS 2 040-2/0,10-PV HD	I Δ n = 0.1 A	2	1	09135504HD	285347
DFS 2 040-2/0,30-PV HD	I Δ n = 0.3 A	2	1	09136504HD	285385

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 PV, 4-pole



AC-DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420

40 A

DFS 4 040-4/0,10-PV	I Δ n = 0.1 A	4	1/20	09135804	284920
DFS 4 040-4/0,30-PV	I Δ n = 0.3 A	4	1/20	09136804	284968

63 A

DFS 4 063-4/0,10-PV	I Δ n = 0.1 A	4	1	09145804	285002
DFS 4 063-4/0,30-PV	I Δ n = 0.3 A	4	1/20	09146804	285040

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag

All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45



residual current circuit-breaker DFS 4 PV HD, 4-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, fire protection according to VDE 0100-420, for harsh environments

40 A

DFS 4 040-4/0,10-PV HD	I Δ n = 0.1 A	4	1	09135804HD	284944
DFS 4 040-4/0,30-PV HD	I Δ n = 0.3 A	4	1	09136804HD	284982

63 A

DFS 4 063-4/0,10-PV HD	I Δ n = 0.1 A	4	1	09145804HD	285026
DFS 4 063-4/0,30-PV HD	I Δ n = 0.3 A	4	1/20	09146804HD	285064

Tripping current frequency response with extended frequency range up to 20 kHz, optimised non-response lag

All devices are also available with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 2 A, 2-pole



sensitive to pulsating and alternating currents Type A

16 A

DFS 2 016-2/0,01-A	I Δ n = 0.01 A	2	1/40	09112601	069237
DFS 2 016-2/0,03-A	I Δ n = 0.03 A	2	1/40	09114601	069244
DFS 2 016-2/0,10-A	I Δ n = 0.1 A	2	1/40	09115601	069251
DFS 2 016-2/0,30-A	I Δ n = 0.3 A	2	1/40	09116601	069268
DFS 2 016-2/0,50-A	I Δ n = 0.5 A	2	1/40	09117601	069275

25 A

DFS 2 025-2/0,01-A	I Δ n = 0.01 A	2	1/40	09122601	069282
DFS 2 025-2/0,03-A	I Δ n = 0.03 A	2	1/40	09124601	069299
DFS 2 025-2/0,10-A	I Δ n = 0.1 A	2	1/40	09125601	069305
DFS 2 025-2/0,30-A	I Δ n = 0.3 A	2	1/40	09126601	069312
DFS 2 025-2/0,50-A	I Δ n = 0.5 A	2	1/40	09127601	069329

40 A

DFS 2 040-2/0,01-A	I Δ n = 0.01 A	2	1/40	09132601	069336
DFS 2 040-2/0,03-A	I Δ n = 0.03 A	2	1/40	09134601	069343
DFS 2 040-2/0,10-A	I Δ n = 0.1 A	2	1/40	09135601	069350
DFS 2 040-2/0,30-A	I Δ n = 0.3 A	2	1/40	09136601	069367
DFS 2 040-2/0,50-A	I Δ n = 0.5 A	2	1/40	09137601	069374

63 A

DFS 2 063-2/0,03-A	I Δ n = 0.03 A	2	1/40	09144601	069381
DFS 2 063-2/0,10-A	I Δ n = 0.1 A	2	1/40	09145601	069398
DFS 2 063-2/0,30-A	I Δ n = 0.3 A	2	1/40	09146601	069404
DFS 2 063-2/0,50-A	I Δ n = 0.5 A	2	1/40	09147601	069411

80 A

DFS 2 080-2/0,03-A	I Δ n = 0.03 A	2	1/40	09154601	069428
DFS 2 080-2/0,10-A	I Δ n = 0.1 A	2	1/40	09155601	069435
DFS 2 080-2/0,30-A	I Δ n = 0.3 A	2	1/40	09156601	069442
DFS 2 080-2/0,50-A	I Δ n = 0.5 A	2	1/40	09157601	069459

100 A

DFS 2 100-2/0,03-A	I Δ n = 0.03 A	2	1/40	09164601	069466
DFS 2 100-2/0,10-A	I Δ n = 0.1 A	2	1/40	09165601	069473
DFS 2 100-2/0,30-A	I Δ n = 0.3 A	2	1/40	09166601	069480
DFS 2 100-2/0,50-A	I Δ n = 0.5 A	2	1/40	09167601	069497

125 A

DFS 2 125-2/0,03-A	I Δ n = 0.03 A	2	1/40	09174601	086746
DFS 2 125-2/0,10-A	I Δ n = 0.1 A	2	1/40	09175601	086784
DFS 2 125-2/0,30-A	I Δ n = 0.3 A	2	1/40	09176601	086821
DFS 2 125-2/0,50-A	I Δ n = 0.5 A	2	1/40	09177601	086869

Devices from 30 mA with VDE approval mark. All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A, 4-pole

sensitive to pulsating and alternating currents Type A



16 A

DFS 4 016-4/0,01-A	I Δ n = 0.01 A	4	1/20	09112901	089921
DFS 4 016-4/0,03-A	I Δ n = 0.03 A	4	1/20	09114901	089945

25 A

DFS 4 025-4/0,01-A	I Δ n = 0.01 A	4	1/20	09122901	089969
DFS 4 025-4/0,03-A	I Δ n = 0.03 A	4	1/20	09124901	089983
DFS 4 025-4/0,10-A	I Δ n = 0.1 A	4	1/20	09125901	090002
DFS 4 025-4/0,30-A	I Δ n = 0.3 A	4	1/20	09126901	199415
DFS 4 025-4/0,50-A	I Δ n = 0.5 A	4	1/20	09127901	090040

40 A

DFS 4 040-4/0,03-A	I Δ n = 0.03 A	4	1/20	09134901	090064
DFS 4 040-4/0,10-A	I Δ n = 0.1 A	4	1/20	09135901	090101
DFS 4 040-4/0,30-A	I Δ n = 0.3 A	4	1/20	09136901	091221
DFS 4 040-4/0,50-A	I Δ n = 0.5 A	4	1/20	09137901	090125

63 A

DFS 4 063-4/0,03-A	I Δ n = 0.03 A	4	1/20	09144901	090149
DFS 4 063-4/0,10-A	I Δ n = 0.1 A	4	1/20	09145901	090163
DFS 4 063-4/0,30-A	I Δ n = 0.3 A	4	1/20	09146901	090187
DFS 4 063-4/0,50-A	I Δ n = 0.5 A	4	1/20	09147901	090200

80 A

DFS 4 080-4/0,03-A	I Δ n = 0.03 A	4	1/20	09154901	091238
DFS 4 080-4/0,10-A	I Δ n = 0.1 A	4	1/20	09155901	090262
DFS 4 080-4/0,30-A	I Δ n = 0.3 A	4	1/20	09156901	090248
DFS 4 080-4/0,50-A	I Δ n = 0.5 A	4	1/20	09157901	090286

100 A

DFS 4 100-4/0,03-A	I Δ n = 0.03 A	4	1/20	09164901	090309
DFS 4 100-4/0,10-A	I Δ n = 0.1 A	4	1/20	09165901	090323
DFS 4 100-4/0,30-A	I Δ n = 0.3 A	4	1/20	09166901	090347
DFS 4 100-4/0,50-A	I Δ n = 0.5 A	4	1/20	09167901	090361

125 A

DFS 4 125-4/0,03-A	I Δ n = 0.03 A	4	1/20	09174901	090385
DFS 4 125-4/0,10-A	I Δ n = 0.1 A	4	1/20	09175901	090408
DFS 4 125-4/0,30-A	I Δ n = 0.3 A	4	1/20	09176901	090422
DFS 4 125-4/0,50-A	I Δ n = 0.5 A	4	1/20	09177901	090446

Devices from 30 mA with VDE approval mark. All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. widths pack. units

Article No.

EAN
(4014712...)

Type A

residual current circuit-breaker DFS 2 A S, 2-pole



sensitive to pulsating and alternating currents Type A, selective

40 A

DFS 2 040-2/0,10-A S	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09135605	131057
DFS 2 040-2/0,30-A S	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09136605	131071
DFS 2 040-2/0,50-A S	$I_{\Delta n} = 0.5 \text{ A}$	2	1/40	09137605	131095

63 A

DFS 2 063-2/0,10-A S	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09145605	116306
DFS 2 063-2/0,30-A S	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09146605	116269
DFS 2 063-2/0,50-A S	$I_{\Delta n} = 0.5 \text{ A}$	2	1/40	09147605	116283

80 A

DFS 2 080-2/0,10-A S	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09155605	131170
DFS 2 080-2/0,30-A S	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09156605	131194
DFS 2 080-2/0,50-A S	$I_{\Delta n} = 0.5 \text{ A}$	2	1/40	09157605	131217

100 A

DFS 2 100-2/0,10-A S	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09165605	131231
DFS 2 100-2/0,30-A S	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09166605	135048
DFS 2 100-2/0,50-A S	$I_{\Delta n} = 0.5 \text{ A}$	2	1/40	09167605	131279

125 A

DFS 2 125-2/0,10-A S	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09175605	131293
DFS 2 125-2/0,30-A S	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09176605	132771
DFS 2 125-2/0,50-A S	$I_{\Delta n} = 0.5 \text{ A}$	2	1/40	09177605	131330

All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A S, 4-pole



sensitive to pulsating and alternating currents Type A, selective

40 A

DFS 4 040-4/0,10-A S	I Δ n = 0.1 A	4	1/20	09135905	131651
DFS 4 040-4/0,30-A S	I Δ n = 0.3 A	4	1/20	09136905	091184
DFS 4 040-4/0,50-A S	I Δ n = 0.5 A	4	1/20	09137905	091207
DFS 4 040-4/1,00-A S	I Δ n = 1 A	4	1/20	09138905	157675

63 A

DFS 4 063-4/0,10-A S	I Δ n = 0.1 A	4	1/20	09145905	131675
DFS 4 063-4/0,30-A S	I Δ n = 0.3 A	4	1/20	09146905	091269
DFS 4 063-4/0,50-A S	I Δ n = 0.5 A	4	1/20	09147905	091283
DFS 4 063-4/1,00-A S	I Δ n = 1 A	4	1/20	09148905	157699

80 A

DFS 4 080-4/0,10-A S	I Δ n = 0.1 A	4	1/20	09155905	131699
DFS 4 080-4/0,30-A S	I Δ n = 0.3 A	4	1/20	09156905	091344
DFS 4 080-4/0,50-A S	I Δ n = 0.5 A	4	1/20	09157905	091368
DFS 4 080-4/1,00-A S	I Δ n = 1 A	4	1/20	09158905	091009

100 A

DFS 4 100-4/0,10-A S	I Δ n = 0.1 A	4	1/20	09165905	131712
DFS 4 100-4/0,30-A S	I Δ n = 0.3 A	4	1/20	09166905	091429
DFS 4 100-4/0,50-A S	I Δ n = 0.5 A	4	1/20	09167905	091443
DFS 4 100-4/1,00-A S	I Δ n = 1 A	4	1/20	09168905	091405

125 A

DFS 4 125-4/0,10-A S	I Δ n = 0.1 A	4	1/20	09175905	131736
DFS 4 125-4/0,30-A S	I Δ n = 0.3 A	4	1/20	09176905	091504
DFS 4 125-4/0,50-A S	I Δ n = 0.5 A	4	1/20	09177905	091528
DFS 4 125-4/1,00-A S	I Δ n = 1 A	4	1/20	09178905	091467

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 2 A KV, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09114 609	109568
DFS 2 016-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09115 609	122659
DFS 2 016-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09116 609	109582
DFS 2 016-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09117 609	122673

25 A

DFS 2 025-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09124 609	107670
DFS 2 025-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09125 609	118980
DFS 2 025-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09126 609	109612
DFS 2 025-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09127 609	122697

40 A

DFS 2 040-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09134 609	109636
DFS 2 040-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09135 609	122710
DFS 2 040-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09136 609	109650
DFS 2 040-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09137 609	122734

63 A

DFS 2 063-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09144 609	109674
DFS 2 063-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09145 609	122758
DFS 2 063-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09146 609	109698
DFS 2 063-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09147 609	122772

80 A

DFS 2 080-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09154 609	109711
DFS 2 080-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09155 609	122796
DFS 2 080-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09156 609	109735
DFS 2 080-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09157 609	122819

100 A

DFS 2 100-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09164 609	109759
DFS 2 100-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09165 609	122833
DFS 2 100-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09166 609	109773
DFS 2 100-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09167 609	122857

125 A

DFS 2 125-2/0,03-A KV	I Δ n = 0.03 A	2	1/40	09174 609	109797
DFS 2 125-2/0,10-A KV	I Δ n = 0.1 A	2	1/40	09175 609	122871
DFS 2 125-2/0,30-A KV	I Δ n = 0.3 A	2	1/40	09176 609	109810
DFS 2 125-2/0,50-A KV	I Δ n = 0.5 A	2	1/40	09177 609	122895

Increased surge current strength up to 3 kA, non-response lag time 10 ms.

All devices also available in HD design.

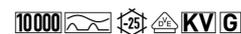
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A KV, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09114909	100619
DFS 4 016-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09115909	122536
DFS 4 016-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09116909	122550
DFS 4 016-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09117909	122574

25 A

DFS 4 025-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09124909	100657
DFS 4 025-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09125909	100671
DFS 4 025-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09126909	100695
DFS 4 025-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09127909	100718

40 A

DFS 4 040-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09134909	100732
DFS 4 040-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09135909	100756
DFS 4 040-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09136909	100770
DFS 4 040-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09137909	100794

63 A

DFS 4 063-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09144909	100817
DFS 4 063-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09145909	100831
DFS 4 063-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09146909	100855
DFS 4 063-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09147909	100879

80 A

DFS 4 080-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09154909	100893
DFS 4 080-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09155909	100916
DFS 4 080-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09156909	100930
DFS 4 080-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09157909	100954

100 A

DFS 4 100-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09164909	100978
DFS 4 100-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09165909	100992
DFS 4 100-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09166909	101012
DFS 4 100-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09167909	101036

125 A

DFS 4 125-4/0,03-A KV	I Δ n = 0.03 A	4	1/20	09174909	101050
DFS 4 125-4/0,10-A KV	I Δ n = 0.1 A	4	1/20	09175909	101074
DFS 4 125-4/0,30-A KV	I Δ n = 0.3 A	4	1/20	09176909	101098
DFS 4 125-4/0,50-A KV	I Δ n = 0.5 A	4	1/20	09177909	101111

Increased surge current strength up to 3 kA, non-response lag time 10 ms.

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type A

residual current circuit-breaker DFS 2 A FT, 2-pole



sensitive to pulsating and alternating currents Type A, with remote-tripping function

16 A

DFS 2 016-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09112621	146037
DFS 2 016-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09114621	146051
DFS 2 016-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09115621	146075
DFS 2 016-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09116621	146099
DFS 2 016-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09117621	146112

25 A

DFS 2 025-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09122621	121539
DFS 2 025-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09124621	146136
DFS 2 025-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09125621	146150
DFS 2 025-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09126621	146174
DFS 2 025-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09127621	146198

40 A

DFS 2 040-2/0,01-A FT	I Δ n = 0.01 A	2.5	1/20	09132621	146211
DFS 2 040-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09134621	121584
DFS 2 040-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09135621	146235
DFS 2 040-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09136621	146259
DFS 2 040-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09137621	146273

63 A

DFS 2 063-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09144621	146297
DFS 2 063-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09145621	146310
DFS 2 063-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09146621	146334
DFS 2 063-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09147621	146358

80 A

DFS 2 080-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09154621	146372
DFS 2 080-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09155621	146396
DFS 2 080-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09156621	146419
DFS 2 080-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09157621	146433

100 A

DFS 2 100-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09164621	146457
DFS 2 100-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09165621	146471
DFS 2 100-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09166621	146495
DFS 2 100-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09167621	146518

125 A

DFS 2 125-2/0,03-A FT	I Δ n = 0.03 A	2.5	1/20	09174621	146532
DFS 2 125-2/0,10-A FT	I Δ n = 0.1 A	2.5	1/20	09175621	146556
DFS 2 125-2/0,30-A FT	I Δ n = 0.3 A	2.5	1/20	09176621	146570
DFS 2 125-2/0,50-A FT	I Δ n = 0.5 A	2.5	1/20	09177621	146594

In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
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residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A FT, 4-pole



sensitive to pulsating and alternating currents Type A, with remote-tripping function

16 A

DFS 4 016-4/0,01-A FT	I Δ n = 0.01 A	4.5	1/10	09112921	146617
DFS 4 016-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09114921	146631

25 A

DFS 4 025-4/0,01-A FT	I Δ n = 0.01 A	4.5	1/10	09122921	146655
DFS 4 025-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09124921	134867
DFS 4 025-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/20	09125921	146679
DFS 4 025-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09126921	146693
DFS 4 025-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09127921	146716

40 A

DFS 4 040-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09134921	121638
DFS 4 040-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09135921	146730
DFS 4 040-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09136921	146754
DFS 4 040-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09137921	146778

63 A

DFS 4 063-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09144921	118973
DFS 4 063-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09145921	146808
DFS 4 063-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09146921	146822
DFS 4 063-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09147921	146846

80 A

DFS 4 080-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09154921	106888
DFS 4 080-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09155921	146877
DFS 4 080-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09156921	146891
DFS 4 080-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09157921	146914

100 A

DFS 4 100-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09164921	146938
DFS 4 100-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09165921	146952
DFS 4 100-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09166921	146976
DFS 4 100-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09167921	146990

125 A

DFS 4 125-4/0,03-A FT	I Δ n = 0.03 A	4.5	1/10	09174921	147010
DFS 4 125-4/0,10-A FT	I Δ n = 0.1 A	4.5	1/10	09175921	147034
DFS 4 125-4/0,30-A FT	I Δ n = 0.3 A	4.5	1/10	09176921	147058
DFS 4 125-4/0,50-A FT	I Δ n = 0.5 A	4.5	1/10	09177921	147072

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A V, 4-pole



sensitive to pulsating and alternating currents Type A, for special voltages 500 V

16 A

DFS 4 016-4/0,01-A V500	I Δ n = 0.01 A	4	1/20	09112945	147096
DFS 4 016-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09114945	147119

25 A

DFS 4 025-4/0,01-A V500	I Δ n = 0.01 A	4	1/20	09122945	147133
DFS 4 025-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09124945	143555
DFS 4 025-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09125945	147171
DFS 4 025-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09126945	145702
DFS 4 025-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09127945	145696

40 A

DFS 4 040-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09134945	137912
DFS 4 040-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09135945	145795
DFS 4 040-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09136945	144835
DFS 4 040-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09137945	147232

63 A

DFS 4 063-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09144945	136861
DFS 4 063-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09145945	144897
DFS 4 063-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09146945	138223
DFS 4 063-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09147945	147256

80 A

DFS 4 080-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09154945	145429
DFS 4 080-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09155945	147270
DFS 4 080-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09156945	138193
DFS 4 080-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09157945	145931

100 A

DFS 4 100-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09164945	155510
DFS 4 100-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09165945	155534
DFS 4 100-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09166945	155558
DFS 4 100-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09167945	155572

125 A

DFS 4 125-4/0,03-A V500	I Δ n = 0.03 A	4	1/20	09174945	154391
DFS 4 125-4/0,10-A V500	I Δ n = 0.1 A	4	1/20	09175945	155596
DFS 4 125-4/0,30-A V500	I Δ n = 0.3 A	4	1/20	09176945	155619
DFS 4 125-4/0,50-A V500	I Δ n = 0.5 A	4	1/20	09177945	152427

All devices also available in HD design and with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A W, 2 and 3-pole



sensitive to pulsating and alternating currents Type A, 16 2/3 Hz or 16 2/3 Hz - 60 Hz

40 A

DFS 4W 040-2/0,50-A	I Δ n = 0.5 A	4	1/20	09137961	135482
DFS 4W 040-3/0,50-A	I Δ n = 0.5 A	4	1/20	09137963	135505

63 A

DFS 4W 063-2/0,50-A	I Δ n = 0.5 A	4	1/20	09147961	135543
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A HT HD, 4-pole



sensitive to pulsating and alternating currents Type A, for temperatures up to 75 °C, for harsh environments

40 A

DFS 4 040-4/0,03-A HT HD75	$I\Delta n = 0.03 \text{ A}$	4	1/20	09134830HD	289765
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All devices also available with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 2 A Twin, 2-pole



sensitive to pulsating and alternating currents Type A, Twin-version

16 A

DFS 2 016-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09114010	205710
DFS 2 016-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09116010	205734

25 A

DFS 2 025-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09124010	205642
DFS 2 025-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09126010	205741

40 A

DFS 2 040-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09134010	205659
DFS 2 040-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09136010	205758

63 A

DFS 2 063-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09144010	205666
DFS 2 063-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09146010	205765

80 A

DFS 2 080-2/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09154010	207431
DFS 2 080-2/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09156010	207479

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A Twin, 4-pole



sensitive to pulsating and alternating currents Type A, Twin-version

16 A

DFS 4 016-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09114810	205819
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25 A

DFS 4 025-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09124810	205826
DFS 4 025-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09126810	205888

40 A

DFS 4 040-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09134810	205833
DFS 4 040-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09136810	205895

63 A

DFS 4 063-4/0,03-A Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09144810	208179
DFS 4 063-4/0,30-A Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09146810	208186

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths
pack. units

Article No.
EAN
(4014712...)

Type A

residual current circuit-breaker DFS 2 A KV Twin, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09114009	206526
DFS 2 016-2/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09116009	206601

25 A

DFS 2 025-2/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09124009	206540
DFS 2 025-2/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09126009	206618

40 A

DFS 2 040-2/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09134009	206564
DFS 2 040-2/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09136009	206625

63 A

DFS 2 063-2/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09144009	206588
DFS 2 063-2/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09146009	206632

80 A

DFS 2 080-2/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	4	1/10	09154009	208131
DFS 2 080-2/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	4	1/10	09156009	208148

For function check without disconnecting power, non-response lag time 10 ms.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A KV Twin, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09114809	206649
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25 A

DFS 4 025-4/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09124809	206656
DFS 4 025-4/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09126809	206687

40 A

DFS 4 040-4/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09134809	206663
DFS 4 040-4/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09136809	206694

63 A

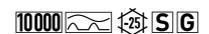
DFS 4 063-4/0,03-A KV Twin	$I\Delta n = 0.03 \text{ A}$	8	1	09144809	208193
DFS 4 063-4/0,30-A KV Twin	$I\Delta n = 0.3 \text{ A}$	8	1	09146809	216709

For function check without disconnecting power, non-response lag time 10 ms.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 2 A S Twin, 2-pole



sensitive to pulsating and alternating currents Type A, selective

40 A

DFS 2 040-2/0,30-A S Twin	$I\Delta n = 0.3 \text{ A}$	4	1	09136015	205956
DFS 2 040-2/0,50-A S Twin	$I\Delta n = 0.5 \text{ A}$	4	1	09137015	205994

63 A

DFS 2 063-2/0,30-A S Twin	$I\Delta n = 0.3 \text{ A}$	4	1	09146015	205963
DFS 2 063-2/0,50-A S Twin	$I\Delta n = 0.5 \text{ A}$	4	1	09147015	206007

80 A

DFS 2 080-2/0,30-A S Twin	$I\Delta n = 0.3 \text{ A}$	4	1	09156015	208155
DFS 2 080-2/0,50-A S Twin	$I\Delta n = 0.5 \text{ A}$	4	1	09157015	208162

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DFS 4 A S Twin, 4-pole



sensitive to pulsating and alternating currents Type A, selective

40 A

DFS 4 040-4/0,30-A S Twin	$I_{\Delta n} = 0.3 \text{ A}$	8	1	09136815	206038
DFS 4 040-4/0,50-A S Twin	$I_{\Delta n} = 0.5 \text{ A}$	8	1	09137815	206069

63 A

DFS 4 063-4/0,30-A S Twin	$I_{\Delta n} = 0.3 \text{ A}$	8	1	09146815	208216
DFS 4 063-4/0,50-A S Twin	$I_{\Delta n} = 0.5 \text{ A}$	8	1	09147815	208223

For function check without disconnecting power.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 4 A NA, 4-pole



sensitive to pulsating and alternating currents Type A, emergency switching-off function

16 A

DFS 4 016-4/0,03-A NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09114841	225978
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25 A

DFS 4 025-4/0,03-A NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09124841	225992
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40 A

DFS 4 040-4/0,03-A NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09134841	226012
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63 A

DFS 4 063-4/0,03-A NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09144841	226036
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DFS with emergency switching-off function ('NA' variant) make it possible to connect corresponding control elements, e. g. push-buttons for disconnecting the RCCB in emergency situations.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type A

residual current circuit-breaker DFS 6 A NU, 4-pole



sensitive to pulsating and alternating currents Type A, with mains monitoring

40 A

DFS 6 040-4/0,03-A NU	$I_{\Delta n} = 0.03 \text{ A}$	NEW	6	1	09134801	293441
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63 A

DFS 6 063-4/0,03-A NU	$I_{\Delta n} = 0.03 \text{ A}$	NEW	6	1	09144801	292765
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Triggering even during mains faults. All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type A

residual current circuit-breaker DRCCB 5 ST, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A

DRCCB 5 ST 025-2/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		5	1	09 421 501	223233
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automatic, regular self-test without any interruption to the power supply.

Type A

residual current circuit-breaker DRCCB 5 ST, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A

DRCCB 5 ST 025-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$	SELLOUT	7	1	09 421 502	223240
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40 A

DRCCB 5 ST 040-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		7	1	09 431 502	223257
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DRCCB 5 ST 040-4/0,30-A	$I_{\Delta n} = 0.3 \text{ A}$	SELLOUT	7	1	09 432 502	238312
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63 A

DRCCB 5 ST 063-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		7	1	09 441 502	223264
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DRCCB 5 ST 063-4/0,30-A	$I_{\Delta n} = 0.3 \text{ A}$	SELLOUT	7	1	09 442 502	238336
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automatic, regular self-test without any interruption to the power supply.

Type A

residual current circuit-breaker DRCCB 5 STR, 2-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A

DRCCB 5 STR 025-2/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		5	1	09 421 503	223271
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reclosing device with checking of the insulation resistance automatic, regular self-test without any interruption to the power supply.

Type A

residual current circuit-breaker DRCCB 5 STR, 4-pole



sensitive to pulsating and alternating currents Type A, short-time delayed

25 A

DRCCB 5 STR 025-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$	SELLOUT	7	1	09 421 504	223288
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40 A

DRCCB 5 STR 040-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		7	1	09 431 504	223295
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DRCCB 5 STR 040-4/0,30-A	$I_{\Delta n} = 0.3 \text{ A}$		7	1	09 432 504	238367
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63 A

DRCCB 5 STR 063-4/0,03-A	$I_{\Delta n} = 0.03 \text{ A}$		7	1	09 441 504	223301
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DRCCB 5 STR 063-4/0,30-A	$I_{\Delta n} = 0.3 \text{ A}$		7	1	09 442 504	238381
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reclosing device with checking of the insulation resistance automatic, regular self-test without any interruption to the power supply.

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 2 AC, 2-pole



sensitive to residual currents Type AC

16 A

DFS 2 016-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09112602	068964
DFS 2 016-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09114602	068971
DFS 2 016-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09115602	068988
DFS 2 016-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09116602	068995
DFS 2 016-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09117602	069008

25 A

DFS 2 025-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09122602	069015
DFS 2 025-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09124602	069022
DFS 2 025-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09125602	069039
DFS 2 025-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09126602	069046
DFS 2 025-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09127602	069053

32 A

DFS 2 032-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09134632	107151
DFS 2 032-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09136632	218208

40 A

DFS 2 040-2/0,01-AC	I Δ n = 0.01 A	2	1/40	09132602	069060
DFS 2 040-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09134602	069077
DFS 2 040-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09135602	069084
DFS 2 040-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09136602	069091
DFS 2 040-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09137602	069107

63 A

DFS 2 063-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09144602	069114
DFS 2 063-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09145602	069121
DFS 2 063-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09146602	069138
DFS 2 063-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09147602	069145

80 A

DFS 2 080-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09154602	069152
DFS 2 080-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09155602	069169
DFS 2 080-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09156602	069176
DFS 2 080-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09157602	069183

100 A

DFS 2 100-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09164602	069190
DFS 2 100-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09165602	069206
DFS 2 100-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09166602	069213
DFS 2 100-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09167602	069220

125 A

DFS 2 125-2/0,03-AC	I Δ n = 0.03 A	2	1/40	09174602	086760
DFS 2 125-2/0,10-AC	I Δ n = 0.1 A	2	1/40	09175602	086807
DFS 2 125-2/0,30-AC	I Δ n = 0.3 A	2	1/40	09176602	086845
DFS 2 125-2/0,50-AC	I Δ n = 0.5 A	2	1/40	09177602	086883

All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type AC

residual current circuit-breaker DFS 4 AC, 4-pole



sensitive to residual currents Type AC

16 A

DFS 4 016-4/0,01-AC	I Δ n = 0.01 A	4	1/20	09112902	090460
DFS 4 016-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09114902	090484
DFS 4 016-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09115902	151710
DFS 4 016-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09116902	207981

25 A

DFS 4 025-4/0,01-AC	I Δ n = 0.01 A	4	1/20	09122902	090507
DFS 4 025-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09124902	090521
DFS 4 025-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09125902	090545
DFS 4 025-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09126902	090569
DFS 4 025-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09127902	090583

40 A

DFS 4 040-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09134902	090606
DFS 4 040-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09135902	090620
DFS 4 040-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09136902	090644
DFS 4 040-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09137902	090668

63 A

DFS 4 063-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09144902	090682
DFS 4 063-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09145902	090705
DFS 4 063-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09146902	090729
DFS 4 063-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09147902	090743

80 A

DFS 4 080-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09154902	090767
DFS 4 080-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09155902	090781
DFS 4 080-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09156902	090804
DFS 4 080-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09157902	090828

100 A

DFS 4 100-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09164902	090842
DFS 4 100-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09165902	090866
DFS 4 100-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09166902	090880
DFS 4 100-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09167902	090903

125 A

DFS 4 125-4/0,03-AC	I Δ n = 0.03 A	4	1/20	09174902	090927
DFS 4 125-4/0,10-AC	I Δ n = 0.1 A	4	1/20	09175902	090941
DFS 4 125-4/0,30-AC	I Δ n = 0.3 A	4	1/20	09176902	090965
DFS 4 125-4/0,50-AC	I Δ n = 0.5 A	4	1/20	09177902	090989

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 2 AC S, 2-pole



sensitive to residual currents Type AC, selective

16 A

DFS 2 016-2/0,30-AC S	I Δ n = 0.3 A	2	1	09116 606	106864
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40 A

DFS 2 040-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09135 606	131354
DFS 2 040-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09136 606	131378
DFS 2 040-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09137 606	131392

63 A

DFS 2 063-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09145 606	131415
DFS 2 063-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09146 606	131439
DFS 2 063-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09147 606	131453

80 A

DFS 2 080-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09155 606	131477
DFS 2 080-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09156 606	131491
DFS 2 080-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09157 606	131514

100 A

DFS 2 100-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09165 606	131538
DFS 2 100-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09166 606	131552
DFS 2 100-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09167 606	131576

125 A

DFS 2 125-2/0,10-AC S	I Δ n = 0.1 A	2	1/40	09175 606	131590
DFS 2 125-2/0,30-AC S	I Δ n = 0.3 A	2	1/40	09176 606	131613
DFS 2 125-2/0,50-AC S	I Δ n = 0.5 A	2	1/40	09177 606	131637

All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 4 AC S, 4-pole



sensitive to residual currents Type AC, selective

16 A

DFS 4 016-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09115906	212107
DFS 4 016-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09116906	212060
DFS 4 016-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09117906	212022

25 A

DFS 4 025-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09125906	211988
DFS 4 025-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09126906	211940
DFS 4 025-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09127906	211902

40 A

DFS 4 040-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09135906	131750
DFS 4 040-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09136906	091726
DFS 4 040-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09137906	091740

63 A

DFS 4 063-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09145906	131774
DFS 4 063-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09146906	091801
DFS 4 063-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09147906	091825

80 A

DFS 4 080-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09155906	131798
DFS 4 080-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09156906	091887
DFS 4 080-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09157906	091900
DFS 4 080-4/1,00-AC S	$I\Delta n = 1 \text{ A}$	4	1/20	09158906	091023

100 A

DFS 4 100-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09165906	131811
DFS 4 100-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09166906	091962
DFS 4 100-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09167906	091986
DFS 4 100-4/1,00-AC S	$I\Delta n = 1 \text{ A}$	4	1/20	09168906	091047

125 A

DFS 4 125-4/0,10-AC S	$I\Delta n = 0.1 \text{ A}$	4	1/20	09175906	131835
DFS 4 125-4/0,30-AC S	$I\Delta n = 0.3 \text{ A}$	4	1/20	09176906	092044
DFS 4 125-4/0,50-AC S	$I\Delta n = 0.5 \text{ A}$	4	1/20	09177906	092068
DFS 4 125-4/1,00-AC S	$I\Delta n = 1 \text{ A}$	4	1/20	09178906	091061

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 4 AC S FT, 4-pole



sensitive to residual currents Type AC, with remote-tripping function, selective

63 A

DFS 4 063-4/0,50-AC S FT	$I\Delta n = 0.5 \text{ A}$	4.5	1	09147944	213937
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80 A

DFS 4 080-4/0,30-AC S FT	$I\Delta n = 0.3 \text{ A}$	4.5	1/10	09156944	151161
DFS 4 080-4/0,50-AC S FT	$I\Delta n = 0.5 \text{ A}$	4.5	1	09157944	158221

In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 2 AC FT, 2-pole



sensitive to residual currents Type AC, with remote-tripping function

40 A

DFS 2 040-2/0,03-AC FT	I Δ n = 0.03 A	2.5	1/20	09134622	213487
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100 A

DFS 2 100-2/0,03-AC FT	I Δ n = 0.03 A	2.5	1/20	09164622	159679
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In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 4 AC FT, 4-pole



sensitive to residual currents Type AC, with remote-tripping function

16 A

DFS 4 016-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09114922	200609
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25 A

DFS 4 025-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09124922	200470
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40 A

DFS 4 040-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09134922	156920
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DFS 4 040-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09136922	160361
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DFS 4 040-4/0,50-AC FT	I Δ n = 0.5 A	4.5	1/10	09137922	129245
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63 A

DFS 4 063-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09144922	200524
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DFS 4 063-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09146922	207028
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DFS 4 063-4/0,50-AC FT	I Δ n = 0.5 A	4.5	1/10	09147922	121751
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80 A

DFS 4 080-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1	09154922	106871
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100 A

DFS 4 100-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09164922	159655
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DFS 4 100-4/0,30-AC FT	I Δ n = 0.3 A	4.5	1	09166922	211872
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125 A

DFS 4 125-4/0,03-AC FT	I Δ n = 0.03 A	4.5	1/10	09174922	200531
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In the FT design, the connections of the internal test key are additionally wired to two terminals. This allows the option of activating the circuit-breaker test device using external switching contacts.

All devices also available in HD design and with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type AC

residual current circuit-breaker DFS 2 AC Hz, 2-pole



sensitive to residual currents Type AC, for frequencies \neq 50 Hz

16 A

DFS 2 016-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09114638	129627
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25 A

DFS 2 025-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09124638	138704
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40 A

DFS 2 040-2/0,03-AC Hz400	I Δ n = 0.03 A	2	1/40	09134638	138681
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All devices also available in HD design.

Accessories: auxiliary switches DH_i, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type AC

residual current circuit-breaker DFS 4 AC Hz, 4-pole



sensitive to residual currents Type AC, for frequencies $\neq 50$ Hz

25 A

DFS 4 025-4/0,03-AC Hz400	$I_{\Delta n} = 0.03$ A	4	1/20	09124938	149793
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40 A

DFS 4 040-4/0,50-AC Hz400	$I_{\Delta n} = 0.5$ A	4	1/20	09137938	137936
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DFS 4 040-4/0,50-AC R Hz400	$I_{\Delta n} = 0.5$ A	4	1/20	09137838	201415
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All devices also available in HD design and with N right. All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: [45](#)

Type AC

residual current circuit-breaker DFS 4 AC W, 2- and 3-pole



sensitive to residual currents Type AC, 16 $\frac{2}{3}$ Hz or 16 $\frac{2}{3}$ Hz - 60 Hz

40 A

DFS 4W 040-2/0,50-AC	$I_{\Delta n} = 0.5$ A	4	1/20	09137962	135499
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DFS 4W 040-3/0,50-AC	$I_{\Delta n} = 0.5$ A	4	1/20	09137964	135512
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63 A

DFS 4W 063-2/0,50-AC	$I_{\Delta n} = 0.5$ A	4	1/20	09147962	135550
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All devices also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: [45](#)

Type AC

residual current circuit-breaker DFS 4 AC W, 4-pole



sensitive to residual currents Type AC, 16 $\frac{2}{3}$ Hz or 16 $\frac{2}{3}$ Hz - 60 Hz, with auxiliary switch

40 A

DFS 4W 040-4/0,50-AC +DHi11	$I_{\Delta n} = 0.5$ A	4.5	1	09137966	135536
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DFS 4W 063-4/0,50-AC +DHi11	$I_{\Delta n} = 0.5$ A	4.5	1/10	09147966	136908
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All devices also available in HD design.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: [45](#)

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type F

residual current circuit-breaker DFS 2 F, 2-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

16 A

DFS 2 016-2/0,03-F	I Δ n = 0.03 A	2	1/40	09114 020	212572
DFS 2 016-2/0,10-F	I Δ n = 0.1 A	2	1/40	09115 020	212596
DFS 2 016-2/0,30-F	I Δ n = 0.3 A	2	1/40	09116 020	213449
DFS 2 016-2/0,50-F	I Δ n = 0.5 A	2	1/40	09117 020	212619

25 A

DFS 2 025-2/0,03-F	I Δ n = 0.03 A	2	1/40	09124 020	212633
DFS 2 025-2/0,10-F	I Δ n = 0.1 A	2	1/40	09125 020	212657
DFS 2 025-2/0,30-F	I Δ n = 0.3 A	2	1/40	09126 020	212671
DFS 2 025-2/0,50-F	I Δ n = 0.5 A	2	1/40	09127 020	212695

40 A

DFS 2 040-2/0,03-F	I Δ n = 0.03 A	2	1/40	09134 020	212718
DFS 2 040-2/0,10-F	I Δ n = 0.1 A	2	1/40	09135 020	212732
DFS 2 040-2/0,30-F	I Δ n = 0.3 A	2	1/40	09136 020	212756
DFS 2 040-2/0,50-F	I Δ n = 0.5 A	2	1/40	09137 020	212770

63 A

DFS 2 063-2/0,03-F	I Δ n = 0.03 A	2	1/40	09144 020	212794
DFS 2 063-2/0,10-F	I Δ n = 0.1 A	2	1/40	09145 020	212817
DFS 2 063-2/0,30-F	I Δ n = 0.3 A	2	1/40	09146 020	212831
DFS 2 063-2/0,50-F	I Δ n = 0.5 A	2	1/40	09147 020	212855

80 A

DFS 2 080-2/0,03-F	I Δ n = 0.03 A	2	1/40	09154 020	212879
DFS 2 080-2/0,10-F	I Δ n = 0.1 A	2	1/40	09155 020	212893
DFS 2 080-2/0,30-F	I Δ n = 0.3 A	2	1/40	09156 020	212916
DFS 2 080-2/0,50-F	I Δ n = 0.5 A	2	1/40	09157 020	212930

100 A

DFS 2 100-2/0,03-F	I Δ n = 0.03 A	2	1/40	09164 020	212954
DFS 2 100-2/0,10-F	I Δ n = 0.1 A	2	1/40	09165 020	212978
DFS 2 100-2/0,30-F	I Δ n = 0.3 A	2	1/40	09166 020	212992
DFS 2 100-2/0,50-F	I Δ n = 0.5 A	2	1/40	09167 020	213012

125 A

DFS 2 125-2/0,03-F	I Δ n = 0.03 A	2	1/40	09174 020	213036
DFS 2 125-2/0,10-F	I Δ n = 0.1 A	2	1/40	09175 020	213050
DFS 2 125-2/0,30-F	I Δ n = 0.3 A	2	1/40	09176 020	213074
DFS 2 125-2/0,50-F	I Δ n = 0.5 A	2	1/40	09177 020	213098

All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type F

residual current circuit-breaker DFS 4 F, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-F	I Δ n = 0.03 A	4	1/20	09114820	212169
DFS 4 016-4/0,10-F	I Δ n = 0.1 A	4	1/20	09115820	212183
DFS 4 016-4/0,30-F	I Δ n = 0.3 A	4	1/20	09116820	212206
DFS 4 016-4/0,50-F	I Δ n = 0.5 A	4	1/20	09117820	212220

25 A

DFS 4 025-4/0,03-F	I Δ n = 0.03 A	4	1/20	09124820	212244
DFS 4 025-4/0,10-F	I Δ n = 0.1 A	4	1/20	09125820	212268
DFS 4 025-4/0,30-F	I Δ n = 0.3 A	4	1/20	09126820	212282
DFS 4 025-4/0,50-F	I Δ n = 0.5 A	4	1/20	09127820	212305

40 A

DFS 4 040-4/0,03-F	I Δ n = 0.03 A	4	1/20	09134820	212329
DFS 4 040-4/0,10-F	I Δ n = 0.1 A	4	1/20	09135820	212343
DFS 4 040-4/0,30-F	I Δ n = 0.3 A	4	1/20	09136820	212367
DFS 4 040-4/0,50-F	I Δ n = 0.5 A	4	1/20	09137820	212381

63 A

DFS 4 063-4/0,03-F	I Δ n = 0.03 A	4	1/20	09144820	212404
DFS 4 063-4/0,10-F	I Δ n = 0.1 A	4	1/20	09145820	212428
DFS 4 063-4/0,30-F	I Δ n = 0.3 A	4	1/20	09146820	212442
DFS 4 063-4/0,50-F	I Δ n = 0.5 A	4	1/20	09147820	212466

80 A

DFS 4 080-4/0,03-F	I Δ n = 0.03 A	4	1/20	09154820	212497
DFS 4 080-4/0,10-F	I Δ n = 0.1 A	4	1/20	09155820	212510
DFS 4 080-4/0,30-F	I Δ n = 0.3 A	4	1/20	09156820	212534
DFS 4 080-4/0,50-F	I Δ n = 0.5 A	4	1/20	09157820	212558

100 A

DFS 4 100-4/0,03-F	I Δ n = 0.03 A	4	1/20	09164820	213111
DFS 4 100-4/0,10-F	I Δ n = 0.1 A	4	1/20	09165820	213135
DFS 4 100-4/0,30-F	I Δ n = 0.3 A	4	1/20	09166820	213159
DFS 4 100-4/0,50-F	I Δ n = 0.5 A	4	1/20	09167820	213173

125 A

DFS 4 125-4/0,03-F	I Δ n = 0.03 A	4	1/20	09174820	213197
DFS 4 125-4/0,10-F	I Δ n = 0.1 A	4	1/20	09175820	213210
DFS 4 125-4/0,30-F	I Δ n = 0.3 A	4	1/20	09176820	213234
DFS 4 125-4/0,50-F	I Δ n = 0.5 A	4	1/20	09177820	213258

All devices also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type F

residual current circuit-breaker DFS 2 F Audio, 2-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

40 A

DFS 2 040-2/0,03-F Audio	I Δ n = 0.03 A	2	1/4	09134046	242838
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Extremely low-impedance design for high-quality audiophile components, reduced loss of sound. Also available as a 60 Hz version.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type F

residual current circuit-breaker DFS 4 F Audio, 4-pole



sensitive to residual currents Type F, short-time delayed, lightning resistant

63 A

DFS 4 063-4/0,03-F Audio	I Δ n = 0.03 A	4	1/4	09144846	242876
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Extremely low-impedance design for high-quality audiophile components, reduced loss of sound. Also available as a 60 Hz version.

All devices also available with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant

16 A

DFS 4 016-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09114998	148383
DFS 4 016-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09115998	148406
DFS 4 016-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09116998	148420
DFS 4 016-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09117998	148444

25 A

DFS 4 025-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09124998	148468
DFS 4 025-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09125998	148482
DFS 4 025-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09126998	148505
DFS 4 025-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09127998	148529

40 A

DFS 4 040-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09134998	148543
DFS 4 040-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09135998	148567
DFS 4 040-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09136998	148581
DFS 4 040-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09137998	148604

63 A

DFS 4 063-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09144998	148628
DFS 4 063-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09145998	148642
DFS 4 063-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09146998	148666
DFS 4 063-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09147998	148680

80 A

DFS 4 080-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09154998	148703
DFS 4 080-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09155998	148727
DFS 4 080-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09156998	148741
DFS 4 080-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09157998	148765

100 A

DFS 4 100-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09164998	148789
DFS 4 100-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09165998	148802
DFS 4 100-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09166998	148826
DFS 4 100-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09167998	148840

125 A

DFS 4 125-4/0,03-B SK	I Δ n = 0.03 A	4	1/20	09174998	149359
DFS 4 125-4/0,10-B SK	I Δ n = 0.1 A	4	1/20	09175998	149373
DFS 4 125-4/0,30-B SK	I Δ n = 0.3 A	4	1/20	09176998	148864
DFS 4 125-4/0,50-B SK	I Δ n = 0.5 A	4	1/20	09177998	148888

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

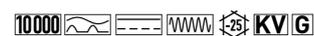
Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK MI, 4-pole



AC/DC sensitive type B, increased surge-current resistant, short-time delayed, lightning resistant, for mobile installations

Rating	Model	$I_{\Delta n}$	Mod. widths	Pack. units	Article No.	EAN
16 A	DFS 4 016-4/0,03-B SK MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09114892	223592
25 A	DFS 4 025-4/0,03-B SK MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09124892	223615
40 A	DFS 4 040-4/0,03-B SK MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134892	223639
63 A	DFS 4 063-4/0,03-B SK MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09144892	223653
80 A	DFS 4 080-4/0,03-B SK MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09154892	249721
	DFS 4 080-4/0,30-B SK MI	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156892	247864

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms, with DC tripping threshold 6 mA.

All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK S, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, selective

Rating	Model	$I_{\Delta n}$	Mod. widths	Pack. units	Article No.	EAN
40 A	DFS 4 040-4/0,30-B SK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136999	149397
	DFS 4 040-4/0,50-B SK S	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09137999	149410
63 A	DFS 4 063-4/0,30-B SK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146999	149434
	DFS 4 063-4/0,50-B SK S	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09147999	149458
80 A	DFS 4 080-4/0,30-B SK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156999	149472
	DFS 4 080-4/0,50-B SK S	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09157999	149496
100 A	DFS 4 100-4/0,30-B SK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09166999	149519
	DFS 4 100-4/0,50-B SK S	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09167999	149533
125 A	DFS 4 125-4/0,30-B SK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09176999	149557
	DFS 4 125-4/0,50-B SK S	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09177999	149571

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK S V, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, selective, for special voltages 500 V

40 A

DFS 4 040-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136982	156715
DFS 4 040-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09137982	156739

63 A

DFS 4 063-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146982	156753
DFS 4 063-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09147982	156777

80 A

DFS 4 080-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156982	156791
DFS 4 080-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09157982	156814

100 A

DFS 4 100-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09166982	156838
DFS 4 100-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09167982	156852

125 A

DFS 4 125-4/0,30-B SK S V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09176982	156876
DFS 4 125-4/0,50-B SK S V500	$I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09177982	156890

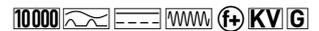
Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK FANA, 4-pole



AC/DC sensitive type B, increased surge-current resistant, short-time delayed, lightning resistant, emergency switching-off function, Remote actuator

63 A

DFS 4 063-4/0,03-B SK FANA24DC	$I_{\Delta n} = 0.03 \text{ A}$	5	1	09144872	279421
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125 A

DFS 4 125-4/0,03-B SK FANA24DC	$I_{\Delta n} = 0.03 \text{ A}$	5	1	09174872	290549
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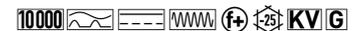
Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B SK NA, 4-pole



AC/DC sensitive type B, increased surge-current resistant, short-time delayed, lightning resistant, emergency switching-off function

16 A

DFS 4 016-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09114861	224094
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25 A

DFS 4 025-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09124861	224117
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40 A

DFS 4 040-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09134861	224124
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63 A

DFS 4 063-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09144861	224148
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80 A

DFS 4 080-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09154861	270282
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DFS 4 080-4/0,30-B SK NA	$I_{\Delta n} = 0.3 \text{ A}$	4.5	1/16	09156861	283336
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100 A

DFS 4 100-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09164861	270305
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125 A

DFS 4 125-4/0,03-B SK NA	$I_{\Delta n} = 0.03 \text{ A}$	4.5	1/16	09174861	225589
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DFS with emergency switching-off function ('NA' variant) make it possible to connect corresponding control elements, e. g. push-buttons for disconnecting the RCCB in emergency situations.

All devices are also available in HD design and up to 80 A with N right.

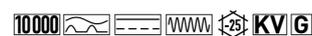
Accessories: terminal caps KA, software DBS, information stickers HAS, restart locks DFS WES, auxiliary switches DHi, automatic reclosing devices DFA
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK V, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, for special voltages 500 V

16 A

DFS 4 016-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09114984	156197
DFS 4 016-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09115984	156210
DFS 4 016-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09116984	156234
DFS 4 016-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09117984	156258

25 A

DFS 4 025-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09124984	156272
DFS 4 025-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09125984	156296
DFS 4 025-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09126984	156319
DFS 4 025-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09127984	156333

40 A

DFS 4 040-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09134984	156357
DFS 4 040-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09135984	156371
DFS 4 040-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09136984	156395
DFS 4 040-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09137984	156418

63 A

DFS 4 063-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09144984	154421
DFS 4 063-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09145984	156432
DFS 4 063-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09146984	156456
DFS 4 063-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09147984	156470

80 A

DFS 4 080-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09154984	156494
DFS 4 080-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09155984	156517
DFS 4 080-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09156984	156531
DFS 4 080-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09157984	156555

100 A

DFS 4 100-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09164984	156579
DFS 4 100-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09165984	156593
DFS 4 100-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09166984	156616
DFS 4 100-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09167984	156630

125 A

DFS 4 125-4/0,03-B SK V500	I Δ n = 0.03 A	4	1/20	09174984	158634
DFS 4 125-4/0,10-B SK V500	I Δ n = 0.1 A	4	1/20	09175984	156654
DFS 4 125-4/0,30-B SK V500	I Δ n = 0.3 A	4	1/20	09176984	156678
DFS 4 125-4/0,50-B SK V500	I Δ n = 0.5 A	4	1/20	09177984	156692

Tripping current frequency response with extended frequency range up to 150 kHz, higher tripping threshold of 3 A compared to DFS 2/4 B NK for frequencies > 1 kHz. Non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES

on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B SK ISO HD, 4-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, for harsh environments, compliant

40 A

DFS 4 040-4/0,03-B SK ISO HD $I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134848HD	264717
DFS 4 040-4/0,30-B SK ISO HD $I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136848HD	270848

63 A

DFS 4 063-4/0,03-B SK ISO HD $I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09144848HD	264731
DFS 4 063-4/0,30-B SK ISO HD $I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146848HD	264755
DFS 4 063-4/0,50-B SK ISO HD $I_{\Delta n} = 0.5 \text{ A}$	4	1/20	09147848HD	264779

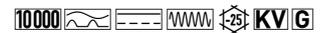
An insulation test of up to 1000 V can be carried out without the need to disconnect beforehand in the ISO HD design. Tripping frequency response with extended frequency range up to 150 kHz, in comparison with the DFS 2/4 B NK increased tripping threshold of 3 A for frequencies > 1 kHz. Limit response delay 10 ms.

All devices are also available with N right.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 6 B SK NU, 4 pole



AC/DC sensitive type B, with mains monitoring

40 A

DFS 6 040-4/0,03-B SK NU $I_{\Delta n} = 0.03 \text{ A}$	NEW	6	1	09134899	293458
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63 A

DFS 6 063-4/0,03-B SK NU $I_{\Delta n} = 0.03 \text{ A}$	NEW	6	1	09144899	292758
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Tripping even during mains faults. All devices also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, restart locks DFS WES
on Page: 45

Type B+

residual current circuit-breaker DFS 2 B+, 2-pole



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

16 A

DFS 2 016-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09114596	244962
DFS 2 016-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09115596	245143
DFS 2 016-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09116596	245167

25 A

DFS 2 025-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09124596	244986
DFS 2 025-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09125596	245129
DFS 2 025-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09126596	245181

40 A

DFS 2 040-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09134596	245006
DFS 2 040-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09135596	245105
DFS 2 040-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09136596	245204

63 A

DFS 2 063-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09144596	245020
DFS 2 063-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09145596	245082
DFS 2 063-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09146596	245228

80 A

DFS 2 080-2/0,03-B+	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09154596	245044
DFS 2 080-2/0,10-B+	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09155596	245068
DFS 2 080-2/0,30-B+	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09156596	245242

Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHI, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B+

residual current circuit-breaker DFS 4 B+, 2-pole

10000 kHz



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

100 A

DFS 4 100-2/0,03-B+	I Δ n = 0.03 A	4	1/20	09164095	203839
DFS 4 100-2/0,10-B+	I Δ n = 0.1 A	4	1/20	09165095	203853
DFS 4 100-2/0,30-B+	I Δ n = 0.3 A	4	1/20	09166095	203877

125 A

DFS 4 125-2/0,03-B+	I Δ n = 0.03 A	4	1/20	09174095	203891
DFS 4 125-2/0,10-B+	I Δ n = 0.1 A	4	1/20	09175095	203914
DFS 4 125-2/0,30-B+	I Δ n = 0.3 A	4	1/20	09176095	203938

Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B+

residual current circuit-breaker DFS 4 B+, 4-pole

10000 kHz



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

16 A

DFS 4 016-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09114895	203112
DFS 4 016-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09115895	203136
DFS 4 016-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09116895	203150

25 A

DFS 4 025-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09124895	203174
DFS 4 025-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09125895	203198
DFS 4 025-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09126895	203211

40 A

DFS 4 040-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09134895	203235
DFS 4 040-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09135895	203259
DFS 4 040-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09136895	203273

63 A

DFS 4 063-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09144895	203297
DFS 4 063-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09145895	203310
DFS 4 063-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09146895	203334

80 A

DFS 4 080-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09154895	203358
DFS 4 080-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09155895	203372
DFS 4 080-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09156895	203396

100 A

DFS 4 100-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09164895	203419
DFS 4 100-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09165895	203433
DFS 4 100-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09166895	203457

125 A

DFS 4 125-4/0,03-B+	I Δ n = 0.03 A	4	1/20	09174895	203471
DFS 4 125-4/0,10-B+	I Δ n = 0.1 A	4	1/20	09175895	203495
DFS 4 125-4/0,30-B+	I Δ n = 0.3 A	4	1/20	09176895	203518

Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B+

residual current circuit-breaker DFS 4 B+ MI, 4-pole

10000 kHz



AC/DC sensitive type B+, for mobile installations

16 A

DFS 4 016-4/0,03-B+ MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09114889	217966
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25 A

DFS 4 025-4/0,03-B+ MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09124889	217980
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40 A

DFS 4 040-4/0,03-B+ MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134889	218000
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63 A

DFS 4 063-4/0,03-B+ MI	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09144889	218024
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Tripping current frequency response with extended frequency range up to 20 kHz, higher tripping threshold of 420 mA compared to DFS 2/4 B NK, non-response lag time 10 ms, with DC tripping threshold 6 mA.

All devices are also available in HD design and with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 2 B NK, 2-pole

10000 kHz



AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

16 A

DFS 2 016-2/0,03-B NK	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09114595	242609
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DFS 2 016-2/0,10-B NK	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09115595	244740
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DFS 2 016-2/0,30-B NK	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09116595	242746
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25 A

DFS 2 025-2/0,03-B NK	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09124595	242623
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DFS 2 025-2/0,10-B NK	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09125595	244764
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DFS 2 025-2/0,30-B NK	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09126595	242722
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40 A

DFS 2 040-2/0,03-B NK	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09134595	242647
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DFS 2 040-2/0,10-B NK	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09135595	244788
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DFS 2 040-2/0,30-B NK	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09136595	242708
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63 A

DFS 2 063-2/0,03-B NK	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09144595	242661
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DFS 2 063-2/0,10-B NK	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09145595	244801
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DFS 2 063-2/0,30-B NK	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09146595	242685
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80 A

DFS 2 080-2/0,03-B NK	$I_{\Delta n} = 0.03 \text{ A}$	2	1/40	09154595	243064
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DFS 2 080-2/0,10-B NK	$I_{\Delta n} = 0.1 \text{ A}$	2	1/40	09155595	244825
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DFS 2 080-2/0,30-B NK	$I_{\Delta n} = 0.3 \text{ A}$	2	1/40	09156595	243088
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Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B NK, 2-pole

10000 **kHz** **KVIG**



AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

100 A

DFS 4 100-2/0,03-B NK	I Δ n = 0.03 A	4	1/20	09164695	157279
DFS 4 100-2/0,10-B NK	I Δ n = 0.1 A	4	1/20	09165695	157293
DFS 4 100-2/0,30-B NK	I Δ n = 0.3 A	4	1/20	09166695	157095

125 A

DFS 4 125-2/0,03-B NK	I Δ n = 0.03 A	4	1/20	09174695	157330
DFS 4 125-2/0,10-B NK	I Δ n = 0.1 A	4	1/20	09175695	157354
DFS 4 125-2/0,30-B NK	I Δ n = 0.3 A	4	1/20	09176695	157378

Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B NK, 4-pole

10000 **kHz** **KVIG**



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

16 A

DFS 4 016-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09114995	139237
DFS 4 016-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09115995	139251
DFS 4 016-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09116995	139275

25 A

DFS 4 025-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09124995	139312
DFS 4 025-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09125995	139336
DFS 4 025-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09126995	139350

40 A

DFS 4 040-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09134995	139398
DFS 4 040-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09135995	139411
DFS 4 040-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09136995	139435

63 A

DFS 4 063-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09144995	139473
DFS 4 063-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09145995	139497
DFS 4 063-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09146995	139510

80 A

DFS 4 080-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09154995	139558
DFS 4 080-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09155995	139572
DFS 4 080-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09156995	139596

100 A

DFS 4 100-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09164995	139633
DFS 4 100-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09165995	139657
DFS 4 100-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09166995	139671

125 A

DFS 4 125-4/0,03-B NK	I Δ n = 0.03 A	4	1/20	09174995	144453
DFS 4 125-4/0,10-B NK	I Δ n = 0.1 A	4	1/20	09175995	144620
DFS 4 125-4/0,30-B NK	I Δ n = 0.3 A	4	1/20	09176995	139718

Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

residual current circuit-breaker (RCCB)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current circuit-breaker DFS 4 B NK S, 4-pole

10000     kHz  SIG



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, lightning resistant, fire prevention up to 150 kHz, selective

40 A

DFS 4 040-4/0,30-B NK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136979	205475
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63 A

DFS 4 063-4/0,30-B NK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146979	198357
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80 A

DFS 4 080-4/0,30-B NK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156979	205499
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100 A

DFS 4 100-4/0,30-B NK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09166979	205512
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125 A

DFS 4 125-4/0,30-B NK S	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09176979	161450
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Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 50 ms.

All devices are also available in HD design and up to 80 A with N right.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
on Page: 45

Type B

residual current circuit-breaker DFS 4 B NK V, 4-pole

10000     kHz  KVIG



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz, for special voltages 500 V

16 A

DFS 4 016-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09114983	155633
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DFS 4 016-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09115983	155657
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DFS 4 016-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09116983	155671
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25 A

DFS 4 025-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09124983	155718
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DFS 4 025-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09125983	155732
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DFS 4 025-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09126983	155756
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40 A

DFS 4 040-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09134983	155794
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DFS 4 040-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09135983	155817
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DFS 4 040-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09136983	155831
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63 A

DFS 4 063-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09144983	155879
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DFS 4 063-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09145983	155893
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DFS 4 063-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09146983	155916
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80 A

DFS 4 080-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09154983	155954
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DFS 4 080-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09155983	155978
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DFS 4 080-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09156983	155992
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100 A

DFS 4 100-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09164983	156036
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DFS 4 100-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09165983	156050
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DFS 4 100-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09166983	156074
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125 A

DFS 4 125-4/0,03-B NK V500	$I_{\Delta n} = 0.03 \text{ A}$	4	1/20	09174983	156111
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DFS 4 125-4/0,10-B NK V500	$I_{\Delta n} = 0.1 \text{ A}$	4	1/20	09175983	156135
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DFS 4 125-4/0,30-B NK V500	$I_{\Delta n} = 0.3 \text{ A}$	4	1/20	09176983	156159
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Tripping current frequency response with extended frequency range up to 150 kHz at max. conventional tripping current of 300 mA, non-response lag time 10 ms.

All devices are also available in HD design and up to 80 A with N right. Other special voltages on request.

Accessories: auxiliary switches DHi, terminal caps KA, software DBS, information stickers HAS, automatic reclosing devices DFA, restart locks DFS WES
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accessories (RCCB)

mod. widths pack. units Article No. EAN (4014712...)

Accessories

automatic reclosing devices DFA 2



remote actuation for residual current circuit-breakers of series DFS 2 and DFS 4

DFA 2	24 V AC/DC, switch-on attempts: 1	4	1	09100110	205598
DFA 2-1	24 V AC/DC, switch-on attempts: 1	4	1	09100112	208339
DFA 2-2	24 V AC/DC, switch-on attempts: 1 or 3	4	1	09100113	208346
DFA 2-3	230 V AC, switch-on attempts: 1 or 3	4	1	09100114	208445
DFA 2-4	230 V AC, switch-on attempts: 1 or 3	4	1	09100115	211803

DFA 2-3/2-4: Resistance cable DFA 2-RC is required for remote tripping with rated residual current $I_{\Delta n}$ of the connected residual current circuit-breaker.

Accessories

automatic reclosing devices DFA 3



compact remote actuation for residual current circuit-breakers in series DFS 2 and DFS 4

DFA 3 012DC-0	12 V DC, switch-on attempts: 0	1	1	09100140	240933
DFA 3 012DC-3	12 V DC, switch-on attempts: 3	1	1	09100142	240957
DFA 3 024DC-0	24 V DC, switch-on attempts: 0	1	1	09100141	240940
DFA 3 024DC-3	24 V DC, switch-on attempts: 3	1	1	09100143	240964

Accessories

restart locks DEASS/RH-SPE/WES



Equipment which prevents the unintentional activation of switching devices, e.g. during maintenance work.

WES	for DFS/DHS		1	09913993	149656
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Accessories

terminal caps KA/RH-KA/KA-DMS



for protection against contact with voltage from leading terminals

KA-DFS 2	sealable		1	09200011	089440
KA-DFS 4	sealable		1	09200012	123779

Accessories

information stickers HAS



information stickers for residual current circuit-breakers DFS 2 and DFS 4

HAS DFS			1	09200021	215832
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Accessories

software DBS



for DFS 2, DFS 4 and DLS 6

DBS V2			1	09917979	249028
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download free-of-charge online at www.doepke.de

Accessories

auxiliary switches



auxiliary switches report the status of the main devices to which they are fitted

DHi 11	1 NC/1 CO, for DFS and DHS		0.5	1	09200040	198388
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Portable residual current devices (PRCD), modular residual current devices (MRCD)

mod. pack. Article No. EAN
widths units (4014712...)

Portable residual current devices DPRCD-M

10000    KV

AC/DC sensitive type B, 3-Phase PRCD module, With protective conductor monitoring



DPRCD-M1	40 A	8	1	09342100	274310
DPRCD-M2	63 A	8	1	09342101	280168

Portable residual current devices DPRCD-M+

10000    kHz KV

AC/DC sensitive type B+, fire protection according to VDE 0100-420, 3-Phase PRCD module, With protective conductor monitoring



DPRCD-M1+	40 A	NEW	8	1	09342104	293403
DPRCD-M2+	63 A	NEW	8	1	09342105	293410

distribution boards DPB

mobile distribution board with full rubber housing and integrated residual current protection



DPB 16 01-100	16 A input, 16 A output	1		09931300	231030
DPB 32 01-010	32 A input, 32 A output	1		09931301	231047
DPB 32 01-110	input 32 A, output 16/32 A (changeable)	1		09931302	231054

The devices are fitted with DFS 4 B SK MI HD ($I_{\Delta n} = 0.03$ A). Rated voltage 230 V, 400 V/ 50 Hz.

modular residual current devices DMRCD Type A

10-way LED display, external connection of transformers DCT A



DMRCD 1A	adjustable	4	1	09340350	202665
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supply voltage 85 V - 264 V AC/50 Hz - 60 Hz, pulsating AC/DC-sensitive Type A, pre/main alarm 1 changeover contact each

Accessories: residual current transformer DCT Type A, AC
on Page: [46](#), [46](#), [46](#), [46](#)

Accessories

residual current transformer DCT A

for combination with a DMRCD 1A/DRCM 1A



DCT A-020	20 mm	1		09340320	241022
DCT A-035	35 mm	1		09340321	241039
DCT A-070	70 mm	1		09340322	241046
DCT A-105	105 mm	1		09340323	241053

pulsating AC/DC sensitive Type A

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)

6000



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 HP, 1+N-pole



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic C

DRCBO 4 C16/0,03/1N-HP	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 524	288027
DRCBO 4 C16/0,10/1N-HP	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 564	286252
DRCBO 4 C16/0,30/1N-HP	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 534	286221
DRCBO 4 C25/0,03/1N-HP	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 526	288034
DRCBO 4 C25/0,10/1N-HP	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 566	286269
DRCBO 4 C25/0,30/1N-HP	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 536	286238
DRCBO 4 C32/0,03/1N-HP	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 527	288041
DRCBO 4 C32/0,10/1N-HP	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 567	286276
DRCBO 4 C32/0,30/1N-HP	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 537	286245

Tripping frequency range with extended frequency range up to 20 kHz, optimised non-response lag. Compact dimensions of just 2.5 MW, Devices from 100 mA are VDE-certified.

Accessories: wiring components DRCBO 4-busbars 2-pole, wiring components DRCBO 4-busbars 4-pole
on Page: [59](#)



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 HP, 3+N-pole

6000



AC/DC sensitive, for heat pumps, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic C

DRCBO 4 C16/0,03/3N-HP	16 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 524	287990
DRCBO 4 C16/0,10/3N-HP	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 574	285606
DRCBO 4 C16/0,30/3N-HP	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 534	285545
DRCBO 4 C25/0,03/3N-HP	25 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 526	288003
DRCBO 4 C25/0,10/3N-HP	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 576	285620
DRCBO 4 C25/0,30/3N-HP	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 536	285569
DRCBO 4 C32/0,03/3N-HP	32 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 527	288010
DRCBO 4 C32/0,10/3N-HP	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 577	285644
DRCBO 4 C32/0,30/3N-HP	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 537	285583

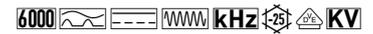
Tripping frequency range with extended frequency range up to 20 kHz, optimised non-response lag. Compact dimensions of just 4.5 MW, Devices from 100 mA are VDE-certified.

Accessories: wiring components DRCBO 4-busbars 4-pole
on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 PV, 1+N-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic C

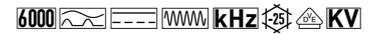
DRCBO 4 C16/0,10/1N-PV	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949464	285699
DRCBO 4 C16/0,30/1N-PV	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949434	285668
DRCBO 4 C25/0,10/1N-PV	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949466	285705
DRCBO 4 C25/0,30/1N-PV	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949436	285675
DRCBO 4 C32/0,10/1N-PV	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949467	286214
DRCBO 4 C32/0,30/1N-PV	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949437	285682

Tripping frequency range with extended frequency range up to 20 kHz, optimised non-response lag. Compact dimensions of just 2.5 MW

Accessories: wiring components DRCBO 4-busbars 2-pole, wiring components DRCBO 4-busbars 4-pole
on Page: [59](#)



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 PV, 3+N-pole



AC/DC sensitive, for PV installations, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic C

DRCBO 4 C16/0,10/3N-PV	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948474	285484
DRCBO 4 C16/0,30/3N-PV	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948434	285408
DRCBO 4 C25/0,10/3N-PV	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948476	285507
DRCBO 4 C25/0,30/3N-PV	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948436	285446
DRCBO 4 C32/0,10/3N-PV	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948477	285521
DRCBO 4 C32/0,30/3N-PV	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948437	285460

Tripping frequency range with extended frequency range up to 20 kHz, optimised non-response lag. Compact dimensions of just 4.5 MW

Accessories: wiring components DRCBO 4-busbars 4-pole
on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. widths pack. units Article No. EAN (4014712...)

Type A



residual current operated circuit-breakers with integral overcurrent protection DRCBO 3 Type A, 1+N-pole

sensitive to pulsating and alternating currents Type A



characteristic B

DRCBO 3 B06/0,03/1N-A	6 A, $I_{\Delta n} = 0.03$ A	2	1	09932101	220560
DRCBO 3 B10/0,03/1N-A	10 A, $I_{\Delta n} = 0.03$ A	2	1	09932102	220584
DRCBO 3 B13/0,03/1N-A	13 A, $I_{\Delta n} = 0.03$ A	2	1	09932103	220607
DRCBO 3 B16/0,01/1N-A	16 A, $I_{\Delta n} = 0.01$ A	2	1	09932144	220843
DRCBO 3 B16/0,03/1N-A	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932104	220621
DRCBO 3 B16/0,30/1N-A	16 A, $I_{\Delta n} = 0.3$ A	2	1	09932114	220669
DRCBO 3 B20/0,03/1N-A	20 A, $I_{\Delta n} = 0.03$ A	2	1	09932105	221789
DRCBO 3 B20/0,30/1N-A	20 A, $I_{\Delta n} = 0.3$ A	2	1	09932115	222199
DRCBO 3 B25/0,03/1N-A	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932106	221802
DRCBO 3 B25/0,30/1N-A	25 A, $I_{\Delta n} = 0.3$ A	2	1	09932116	222212
DRCBO 3 B32/0,03/1N-A	32 A, $I_{\Delta n} = 0.03$ A	2	1	09932107	221826
DRCBO 3 B32/0,30/1N-A	32 A, $I_{\Delta n} = 0.3$ A	2	1	09932117	222236

characteristic C

DRCBO 3 C06/0,03/1N-A	6 A, $I_{\Delta n} = 0.03$ A	2	1	09932121	220683
DRCBO 3 C10/0,03/1N-A	10 A, $I_{\Delta n} = 0.03$ A	2	1	09932122	220706
DRCBO 3 C13/0,03/1N-A	13 A, $I_{\Delta n} = 0.03$ A	2	1	09932123	220720
DRCBO 3 C16/0,01/1N-A	16 A, $I_{\Delta n} = 0.01$ A	2	1	09932154	220867
DRCBO 3 C16/0,03/1N-A	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932124	220744
DRCBO 3 C16/0,30/1N-A	16 A, $I_{\Delta n} = 0.3$ A	2	1	09932134	220829
DRCBO 3 C20/0,03/1N-A	20 A, $I_{\Delta n} = 0.03$ A	2	1	09932125	220768
DRCBO 3 C20/0,30/1N-A	20 A, $I_{\Delta n} = 0.3$ A	2	1	09932135	222779
DRCBO 3 C25/0,03/1N-A	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932126	220782
DRCBO 3 C25/0,30/1N-A	25 A, $I_{\Delta n} = 0.3$ A	2	1	09932136	222793
DRCBO 3 C32/0,03/1N-A	32 A, $I_{\Delta n} = 0.03$ A	2	1	09932127	220805
DRCBO 3 C32/0,30/1N-A	32 A, $I_{\Delta n} = 0.3$ A	2	1	09932137	222816

Accessories: auxiliary switches DHi, operating current trip FAM, wiring components RCCB and MCB busbars 2-pole, wiring components RCCB and MCB busbars 4-pole, restart locks RH-SPE, auxiliary switches Hi

on Page: 59



Type A



residual current operated circuit-breakers with integral overcurrent protection DRCBO 3 Type A KV, 1+N-pole

sensitive to pulsating and alternating currents Type A, short-time delayed, increased surge-current resistant

characteristic B

DRCBO 3 B16/0,03/1N-A KV	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932404	220928
DRCBO 3 B25/0,03/1N-A KV	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932406	220942
DRCBO 3 B32/0,03/1N-A KV	32 A, $I_{\Delta n} = 0.03$ A	2	1	09932407	220966
DRCBO 3 B40/0,03/1N-A KV	40 A, $I_{\Delta n} = 0.03$ A	2	1	09932408	220980

characteristic C

DRCBO 3 C16/0,03/1N-A KV	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932424	221000
DRCBO 3 C25/0,03/1N-A KV	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932426	221024
DRCBO 3 C32/0,03/1N-A KV	32 A, $I_{\Delta n} = 0.03$ A	2	1	09932427	221048
DRCBO 3 C40/0,03/1N-A KV	40 A, $I_{\Delta n} = 0.03$ A	2	1	09932428	221062

Accessories: auxiliary switches DHi, operating current trip FAM, wiring components RCCB and MCB busbars 2-pole, wiring components RCCB and MCB busbars 4-pole, restart locks RH-SPE, auxiliary switches Hi

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residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. widths pack. units

Article No.

EAN
(4014712...)

Type A



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type A, 3+N-pole

sensitive to pulsating and alternating currents Type A



characteristic B

DRCBO 4 B06/0,03/3N-A	6 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 101	266513
DRCBO 4 B06/0,30/3N-A	6 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 111	266605
DRCBO 4 B10/0,03/3N-A	10 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 102	266537
DRCBO 4 B10/0,30/3N-A	10 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 112	266612
DRCBO 4 B13/0,03/3N-A	13 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 103	266544
DRCBO 4 B13/0,30/3N-A	13 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 113	266629
DRCBO 4 B16/0,03/3N-A	16 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 104	266551
DRCBO 4 B16/0,30/3N-A	16 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 114	266636
DRCBO 4 B20/0,03/3N-A	20 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 105	266568
DRCBO 4 B20/0,30/3N-A	20 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 115	266643
DRCBO 4 B25/0,03/3N-A	25 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 106	266575
DRCBO 4 B25/0,30/3N-A	25 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 116	266650
DRCBO 4 B32/0,03/3N-A	32 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 107	266582
DRCBO 4 B32/0,30/3N-A	32 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 117	266667
DRCBO 4 B40/0,03/3N-A	40 A, $I_{\Delta n} = 0.03$ A	5	1	09 945 108	266599
DRCBO 4 B40/0,30/3N-A	40 A, $I_{\Delta n} = 0.3$ A	5	1	09 945 118	266674

characteristic C

DRCBO 4 C06/0,03/3N-A	6 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 121	266360
DRCBO 4 C06/0,30/3N-A	6 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 131	266445
DRCBO 4 C10/0,03/3N-A	10 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 122	266377
DRCBO 4 C10/0,30/3N-A	10 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 132	266452
DRCBO 4 C13/0,03/3N-A	13 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 123	266384
DRCBO 4 C13/0,30/3N-A	13 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 133	266469
DRCBO 4 C16/0,03/3N-A	16 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 124	266407
DRCBO 4 C16/0,30/3N-A	16 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 134	266476
DRCBO 4 C20/0,03/3N-A	20 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 125	266391
DRCBO 4 C20/0,30/3N-A	20 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 135	266483
DRCBO 4 C25/0,03/3N-A	25 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 126	266414
DRCBO 4 C25/0,30/3N-A	25 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 136	266490
DRCBO 4 C32/0,03/3N-A	32 A, $I_{\Delta n} = 0.03$ A	4	1	09 945 127	266438
DRCBO 4 C32/0,30/3N-A	32 A, $I_{\Delta n} = 0.3$ A	4	1	09 945 137	266506
DRCBO 4 C40/0,03/3N-A	40 A, $I_{\Delta n} = 0.03$ A	5	1	09 945 128	266421
DRCBO 4 C40/0,30/3N-A	40 A, $I_{\Delta n} = 0.3$ A	5	1	09 945 138	266520

Accessories: wiring components RCCB and MCB busbars 4-pole, auxiliary switches DRCBO 4 Hi 2, auxiliary switches DRCBO 4 Hi 1
on Page: [59](#)

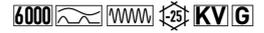
residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. widths pack. units Article No. EAN (4014712...)

Type F



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type F, 3+N-pole



sensitive to residual currents Type F

characteristic B

DRCBO 4 B06/0,03/3N-F	6 A, $I_{\Delta n} = 0.03$ A	4	1	09948601	291744
DRCBO 4 B10/0,03/3N-F	10 A, $I_{\Delta n} = 0.03$ A	4	1	09948602	291768
DRCBO 4 B16/0,03/3N-F	16 A, $I_{\Delta n} = 0.03$ A	4	1	09948604	291805
DRCBO 4 B20/0,03/3N-F	20 A, $I_{\Delta n} = 0.03$ A	4	1	09948605	291829
DRCBO 4 B25/0,03/3N-F	25 A, $I_{\Delta n} = 0.03$ A	4	1	09948606	291843
DRCBO 4 B32/0,03/3N-F	32 A, $I_{\Delta n} = 0.03$ A	4	1	09948607	291867

characteristic C

DRCBO 4 C06/0,03/3N-F	6 A, $I_{\Delta n} = 0.03$ A	4	1	09948621	291881
DRCBO 4 C10/0,03/3N-F	10 A, $I_{\Delta n} = 0.03$ A	4	1	09948622	291904
DRCBO 4 C16/0,03/3N-F	16 A, $I_{\Delta n} = 0.03$ A	4	1	09948624	290693
DRCBO 4 C20/0,03/3N-F	20 A, $I_{\Delta n} = 0.03$ A	4	1	09948625	291942
DRCBO 4 C25/0,03/3N-F	25 A, $I_{\Delta n} = 0.03$ A	4	1	09948626	291966
DRCBO 4 C32/0,03/3N-F	32 A, $I_{\Delta n} = 0.03$ A	4	1	09948627	290709

Accessories: wiring components RCCB and MCB busbars 4-pole, auxiliary switches DRCBO 4 Hi 2 on Page: [59](#)

Type F



residual current operated circuit-breakers with integral overcurrent protection DRCBO 3 Type F, 1+N-pole



sensitive to residual currents Type F, short-time delayed, increased surge-current resistant

characteristic B

DRCBO 3 B16/0,03/1N-F	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932304	241305
DRCBO 3 B25/0,03/1N-F	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932306	241367
DRCBO 3 B40/0,03/1N-F	40 A, $I_{\Delta n} = 0.03$ A	2	1	09932308	241404

characteristic C

DRCBO 3 C16/0,03/1N-F	16 A, $I_{\Delta n} = 0.03$ A	2	1	09932324	241329
DRCBO 3 C25/0,03/1N-F	25 A, $I_{\Delta n} = 0.03$ A	2	1	09932326	242524
DRCBO 3 C40/0,03/1N-F	40 A, $I_{\Delta n} = 0.03$ A	2	1	09932328	242463

Accessories: auxiliary switches DHi, operating current trip FAM, wiring components RCCB and MCB busbars 2-pole, wiring components RCCB and MCB busbars 4-pole, restart locks RH-SPE, auxiliary switches Hi on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type B SK, 1+N-pole



AC/DC sensitive type B, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, Tripping frequency response up to 150 kHz

characteristic B

DRCBO 4 B06/0,03/1N-B SK	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 101	259188
DRCBO 4 B06/0,10/1N-B SK	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 141	259430
DRCBO 4 B06/0,30/1N-B SK	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 111	259256
DRCBO 4 B10/0,03/1N-B SK	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 102	259195
DRCBO 4 B10/0,10/1N-B SK	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 142	259447
DRCBO 4 B10/0,30/1N-B SK	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 112	259263
DRCBO 4 B13/0,03/1N-B SK	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 103	259201
DRCBO 4 B13/0,10/1N-B SK	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 143	259454
DRCBO 4 B13/0,30/1N-B SK	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 113	259270
DRCBO 4 B16/0,03/1N-B SK	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 104	259218
DRCBO 4 B16/0,10/1N-B SK	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 144	259461
DRCBO 4 B16/0,30/1N-B SK	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 114	259287
DRCBO 4 B20/0,03/1N-B SK	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 105	259225
DRCBO 4 B20/0,10/1N-B SK	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 145	259478
DRCBO 4 B20/0,30/1N-B SK	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 115	259294
DRCBO 4 B25/0,03/1N-B SK	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 106	259232
DRCBO 4 B25/0,10/1N-B SK	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 146	259485
DRCBO 4 B25/0,30/1N-B SK	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 116	259300
DRCBO 4 B32/0,03/1N-B SK	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 107	259249
DRCBO 4 B32/0,10/1N-B SK	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 147	259492
DRCBO 4 B32/0,30/1N-B SK	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 117	259317

characteristic C

DRCBO 4 C06/0,03/1N-B SK	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 121	248229
DRCBO 4 C06/0,10/1N-B SK	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 161	259508
DRCBO 4 C06/0,30/1N-B SK	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 131	259362
DRCBO 4 C10/0,03/1N-B SK	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 122	248243
DRCBO 4 C10/0,10/1N-B SK	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 162	259515
DRCBO 4 C10/0,30/1N-B SK	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 132	259379
DRCBO 4 C13/0,03/1N-B SK	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 123	248267
DRCBO 4 C13/0,10/1N-B SK	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 163	259522
DRCBO 4 C13/0,30/1N-B SK	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 133	259386
DRCBO 4 C16/0,03/1N-B SK	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 124	259324
DRCBO 4 C16/0,10/1N-B SK	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 164	259539
DRCBO 4 C16/0,30/1N-B SK	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 134	259393
DRCBO 4 C20/0,03/1N-B SK	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 125	259331
DRCBO 4 C20/0,10/1N-B SK	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 165	259546
DRCBO 4 C20/0,30/1N-B SK	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 135	259409
DRCBO 4 C25/0,03/1N-B SK	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 126	259348
DRCBO 4 C25/0,10/1N-B SK	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 166	259553
DRCBO 4 C25/0,30/1N-B SK	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 136	259416
DRCBO 4 C32/0,03/1N-B SK	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09 949 127	259355
DRCBO 4 C32/0,10/1N-B SK	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09 949 167	259560
DRCBO 4 C32/0,30/1N-B SK	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09 949 137	259423

Tripping frequency response with extended frequency range up to 150 kHz, in comparison with the DRCBO 4 B NK increased tripping threshold of 3 A for frequencies > 1 kHz. Limit response delay 10 ms. Compact dimensions of just 2.5 module widths.

Accessories: wiring components DRCBO 4-busbars 2-pole, wiring components DRCBO 4-busbars 4-pole, auxiliary switches DRCBO 4 Hi 2 on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)

Type B

residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type B NK, 1+N-pole



AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

characteristic B

DRCBO 4 B06/0,03/1N-B NK	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949201	259577
DRCBO 4 B06/0,10/1N-B NK	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949241	259713
DRCBO 4 B06/0,30/1N-B NK	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949211	259645
DRCBO 4 B10/0,03/1N-B NK	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949202	259584
DRCBO 4 B10/0,10/1N-B NK	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949242	259720
DRCBO 4 B10/0,30/1N-B NK	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949212	259652
DRCBO 4 B13/0,03/1N-B NK	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949203	259591
DRCBO 4 B13/0,10/1N-B NK	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949243	270626
DRCBO 4 B13/0,30/1N-B NK	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949213	259669
DRCBO 4 B16/0,03/1N-B NK	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949204	259607
DRCBO 4 B16/0,10/1N-B NK	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949244	259737
DRCBO 4 B16/0,30/1N-B NK	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949214	259676
DRCBO 4 B20/0,03/1N-B NK	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949205	259614
DRCBO 4 B20/0,10/1N-B NK	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949245	259744
DRCBO 4 B20/0,30/1N-B NK	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949215	259683
DRCBO 4 B25/0,03/1N-B NK	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949206	259621
DRCBO 4 B25/0,10/1N-B NK	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949246	259751
DRCBO 4 B25/0,30/1N-B NK	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949216	259690
DRCBO 4 B32/0,03/1N-B NK	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949207	259638
DRCBO 4 B32/0,10/1N-B NK	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949247	259768
DRCBO 4 B32/0,30/1N-B NK	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949217	259706

characteristic C

DRCBO 4 C06/0,03/1N-B NK	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949221	264915
DRCBO 4 C06/0,10/1N-B NK	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949261	264274
DRCBO 4 C06/0,30/1N-B NK	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949231	264465
DRCBO 4 C10/0,03/1N-B NK	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949222	264922
DRCBO 4 C10/0,10/1N-B NK	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949262	264281
DRCBO 4 C10/0,30/1N-B NK	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949232	264472
DRCBO 4 C13/0,03/1N-B NK	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949223	264045
DRCBO 4 C13/0,10/1N-B NK	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949263	264298
DRCBO 4 C13/0,30/1N-B NK	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949233	264489
DRCBO 4 C16/0,03/1N-B NK	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949224	264052
DRCBO 4 C16/0,10/1N-B NK	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949264	264304
DRCBO 4 C16/0,30/1N-B NK	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949234	264496
DRCBO 4 C20/0,03/1N-B NK	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949225	264069
DRCBO 4 C20/0,10/1N-B NK	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949265	264311
DRCBO 4 C20/0,30/1N-B NK	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949235	264502
DRCBO 4 C25/0,03/1N-B NK	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949226	264076
DRCBO 4 C25/0,10/1N-B NK	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949266	264328
DRCBO 4 C25/0,30/1N-B NK	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949236	264519
DRCBO 4 C32/0,03/1N-B NK	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949227	264083
DRCBO 4 C32/0,10/1N-B NK	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949267	264335
DRCBO 4 C32/0,30/1N-B NK	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949237	264526

Tripping frequency response with extended frequency range up to 150 kHz at a tripping threshold of 300 mA, limit response delay of 10 ms. Compact dimensions of just 2.5 module widths.

Accessories: wiring components DRCBO 4-busbars 2-pole, wiring components DRCBO 4-busbars 4-pole, auxiliary switches DRCBO 4 Hi 2 on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. widths pack. units Article No. EAN (4014712...)



Type B

residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type B NK, 3+N-pole

AC/DC sensitive type B, for installations with PV inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 150 kHz

characteristic B

DRCBO 4 B06/0,03/3N-B NK	6 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948201	259058
DRCBO 4 B06/0,10/3N-B NK	6 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948251	259119
DRCBO 4 B06/0,30/3N-B NK	6 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948211	261952
DRCBO 4 B10/0,03/3N-B NK	10 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948202	259065
DRCBO 4 B10/0,10/3N-B NK	10 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948252	259126
DRCBO 4 B10/0,30/3N-B NK	10 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948212	261976
DRCBO 4 B13/0,03/3N-B NK	13 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948203	259072
DRCBO 4 B13/0,10/3N-B NK	13 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948253	259133
DRCBO 4 B13/0,30/3N-B NK	13 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948213	261990
DRCBO 4 B16/0,03/3N-B NK	16 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948204	259089
DRCBO 4 B16/0,10/3N-B NK	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948254	259140
DRCBO 4 B16/0,30/3N-B NK	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948214	262010
DRCBO 4 B20/0,03/3N-B NK	20 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948205	249899
DRCBO 4 B20/0,10/3N-B NK	20 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948255	259157
DRCBO 4 B20/0,30/3N-B NK	20 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948215	262034
DRCBO 4 B25/0,03/3N-B NK	25 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948206	259096
DRCBO 4 B25/0,10/3N-B NK	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948256	259164
DRCBO 4 B25/0,30/3N-B NK	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948216	262058
DRCBO 4 B32/0,03/3N-B NK	32 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948207	259102
DRCBO 4 B32/0,10/3N-B NK	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948257	259171
DRCBO 4 B32/0,30/3N-B NK	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948217	262072

characteristic C

DRCBO 4 C06/0,03/3N-B NK	6 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948221	264960
DRCBO 4 C06/0,10/3N-B NK	6 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948271	265035
DRCBO 4 C06/0,30/3N-B NK	6 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948231	265110
DRCBO 4 C10/0,03/3N-B NK	10 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948222	264977
DRCBO 4 C10/0,10/3N-B NK	10 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948272	265042
DRCBO 4 C10/0,30/3N-B NK	10 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948232	265103
DRCBO 4 C13/0,03/3N-B NK	13 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948223	264984
DRCBO 4 C13/0,10/3N-B NK	13 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948273	265066
DRCBO 4 C13/0,30/3N-B NK	13 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948233	265127
DRCBO 4 C16/0,03/3N-B NK	16 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948224	264991
DRCBO 4 C16/0,10/3N-B NK	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948274	265059
DRCBO 4 C16/0,30/3N-B NK	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948234	265134
DRCBO 4 C20/0,03/3N-B NK	20 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948225	265004
DRCBO 4 C20/0,10/3N-B NK	20 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948275	265073
DRCBO 4 C20/0,30/3N-B NK	20 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948235	265165
DRCBO 4 C25/0,03/3N-B NK	25 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948226	265011
DRCBO 4 C25/0,10/3N-B NK	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948276	265080
DRCBO 4 C25/0,30/3N-B NK	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948236	265172
DRCBO 4 C32/0,03/3N-B NK	32 A, $I_{\Delta n} = 0.03$ A	4.5	1	09948227	265028
DRCBO 4 C32/0,10/3N-B NK	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09948277	265097
DRCBO 4 C32/0,30/3N-B NK	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09948237	265189

Tripping frequency response with extended frequency range up to 150 kHz at a tripping threshold of 300 mA, limit response delay of 10 ms. Compact dimensions of just 4.5 module widths.

Accessories: wiring components DRCBO 4-busbars 4-pole, auxiliary switches DRCBO 4 Hi z
on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)

Type B+



residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type B+, 1+N-pole



AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic B

DRCBO 4 B06/0,03/1N-B+	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949301	265196
DRCBO 4 B06/0,10/1N-B+	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949341	265264
DRCBO 4 B06/0,30/1N-B+	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949311	265332
DRCBO 4 B10/0,03/1N-B+	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949302	265202
DRCBO 4 B10/0,10/1N-B+	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949342	265271
DRCBO 4 B10/0,30/1N-B+	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949312	265349
DRCBO 4 B13/0,03/1N-B+	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949303	265219
DRCBO 4 B13/0,10/1N-B+	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949343	265288
DRCBO 4 B13/0,30/1N-B+	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949313	265356
DRCBO 4 B16/0,03/1N-B+	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949304	265226
DRCBO 4 B16/0,10/1N-B+	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949344	265295
DRCBO 4 B16/0,30/1N-B+	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949314	265363
DRCBO 4 B20/0,03/1N-B+	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949305	265233
DRCBO 4 B20/0,10/1N-B+	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949345	265301
DRCBO 4 B20/0,30/1N-B+	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949315	265370
DRCBO 4 B25/0,03/1N-B+	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949306	265240
DRCBO 4 B25/0,10/1N-B+	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949346	265318
DRCBO 4 B25/0,30/1N-B+	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949316	265387
DRCBO 4 B32/0,03/1N-B+	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949307	265257
DRCBO 4 B32/0,10/1N-B+	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949347	265325
DRCBO 4 B32/0,30/1N-B+	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949317	265394

characteristic C

DRCBO 4 C06/0,03/1N-B+	6 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949321	265622
DRCBO 4 C06/0,10/1N-B+	6 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949361	267640
DRCBO 4 C06/0,30/1N-B+	6 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949331	265844
DRCBO 4 C10/0,03/1N-B+	10 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949322	265639
DRCBO 4 C10/0,10/1N-B+	10 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949362	267657
DRCBO 4 C10/0,30/1N-B+	10 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949332	265851
DRCBO 4 C13/0,03/1N-B+	13 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949323	265646
DRCBO 4 C13/0,10/1N-B+	13 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949363	267664
DRCBO 4 C13/0,30/1N-B+	13 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949333	265868
DRCBO 4 C16/0,03/1N-B+	16 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949324	265653
DRCBO 4 C16/0,10/1N-B+	16 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949364	267671
DRCBO 4 C16/0,30/1N-B+	16 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949334	265875
DRCBO 4 C20/0,03/1N-B+	20 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949325	265660
DRCBO 4 C20/0,10/1N-B+	20 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949365	267695
DRCBO 4 C20/0,30/1N-B+	20 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949335	265882
DRCBO 4 C25/0,03/1N-B+	25 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949326	265677
DRCBO 4 C25/0,10/1N-B+	25 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949366	267688
DRCBO 4 C25/0,30/1N-B+	25 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949336	265899
DRCBO 4 C32/0,03/1N-B+	32 A, $I_{\Delta n} = 0.03$ A	2.5	1	09949327	265684
DRCBO 4 C32/0,10/1N-B+	32 A, $I_{\Delta n} = 0.1$ A	2.5	1	09949367	267701
DRCBO 4 C32/0,30/1N-B+	32 A, $I_{\Delta n} = 0.3$ A	2.5	1	09949337	265905

Tripping frequency response with extended frequency range up to 20 kHz, in comparison with the DRCBO 4 B NK increased tripping threshold of 420 mA, limit response delay 10 ms. Compact dimensions of just 2.5 module widths.

Accessories: wiring components DRCBO 4-busbars 2-pole, wiring components DRCBO 4-busbars 4-pole, auxiliary switches DRCBO 4 Hi 2 on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)



Type B+

residual current operated circuit-breakers with integral overcurrent protection DRCBO 4 Type B+, 3+N-pole

AC/DC sensitive type B+, for installations with frequency inverters, UPS devices etc, increased surge-current resistant, short-time delayed, lightning resistant, fire prevention up to 20 kHz

characteristic B

DRCBO 4 B06/0,03/3N-B+	6 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 301	265400
DRCBO 4 B06/0,10/3N-B+	6 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 351	265479
DRCBO 4 B06/0,30/3N-B+	6 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 311	265554
DRCBO 4 B10/0,03/3N-B+	10 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 302	265417
DRCBO 4 B10/0,10/3N-B+	10 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 352	265486
DRCBO 4 B10/0,30/3N-B+	10 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 312	265561
DRCBO 4 B13/0,03/3N-B+	13 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 303	265424
DRCBO 4 B13/0,10/3N-B+	13 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 353	265493
DRCBO 4 B13/0,30/3N-B+	13 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 313	265578
DRCBO 4 B16/0,03/3N-B+	16 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 304	265431
DRCBO 4 B16/0,10/3N-B+	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 354	265509
DRCBO 4 B16/0,30/3N-B+	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 314	265585
DRCBO 4 B20/0,03/3N-B+	20 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 305	265448
DRCBO 4 B20/0,10/3N-B+	20 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 355	265523
DRCBO 4 B20/0,30/3N-B+	20 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 315	265592
DRCBO 4 B25/0,03/3N-B+	25 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 306	265455
DRCBO 4 B25/0,10/3N-B+	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 356	265530
DRCBO 4 B25/0,30/3N-B+	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 316	265608
DRCBO 4 B32/0,03/3N-B+	32 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 307	265462
DRCBO 4 B32/0,10/3N-B+	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 357	265547
DRCBO 4 B32/0,30/3N-B+	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 317	265615

characteristic C

DRCBO 4 C06/0,03/3N-B+	6 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 321	265912
DRCBO 4 C06/0,10/3N-B+	6 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 371	265981
DRCBO 4 C06/0,30/3N-B+	6 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 331	266049
DRCBO 4 C10/0,03/3N-B+	10 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 322	265929
DRCBO 4 C10/0,10/3N-B+	10 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 372	265998
DRCBO 4 C10/0,30/3N-B+	10 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 332	266056
DRCBO 4 C13/0,03/3N-B+	13 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 323	265936
DRCBO 4 C13/0,10/3N-B+	13 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 373	266001
DRCBO 4 C13/0,30/3N-B+	13 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 333	266063
DRCBO 4 C16/0,03/3N-B+	16 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 324	265943
DRCBO 4 C16/0,10/3N-B+	16 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 374	266018
DRCBO 4 C16/0,30/3N-B+	16 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 334	266070
DRCBO 4 C20/0,03/3N-B+	20 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 325	265950
DRCBO 4 C20/0,10/3N-B+	20 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 375	267831
DRCBO 4 C20/0,30/3N-B+	20 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 335	266087
DRCBO 4 C25/0,03/3N-B+	25 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 326	265967
DRCBO 4 C25/0,10/3N-B+	25 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 376	266025
DRCBO 4 C25/0,30/3N-B+	25 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 336	266094
DRCBO 4 C32/0,03/3N-B+	32 A, $I_{\Delta n} = 0.03$ A	4.5	1	09 948 327	265974
DRCBO 4 C32/0,10/3N-B+	32 A, $I_{\Delta n} = 0.1$ A	4.5	1	09 948 377	266032
DRCBO 4 C32/0,30/3N-B+	32 A, $I_{\Delta n} = 0.3$ A	4.5	1	09 948 337	266100

Tripping frequency response with extended frequency range up to 20 kHz, in comparison with the DRCBO 4 B NK increased tripping threshold of 420 mA, limit response delay 10 ms. Compact dimensions of just 4.5 module widths.

Accessories: wiring components DRCBO 4-busbars 4-pole, auxiliary switches DRCBO 4 Hi z
on Page: [59](#)

residual current operated circuit-breakers with integral overcurrent protection (RCBO)

mod. widths pack. units Article No. EAN (4014712...)

Type A



residual current operated circuit-breakers with integral overcurrent protection RCBO 1, Type A, 1-pole

sensitive to pulsating and alternating currents Type A



characteristic C

RCBO 1 C06/0,03/1-A	6 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 811	209916
RCBO 1 C10/0,03/1-A	10 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 812	209923
RCBO 1 C13/0,03/1-A	13 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 813	209930
RCBO 1 C16/0,03/1-A	16 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 814	209947
RCBO 1 C20/0,03/1-A	20 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 815	209954
RCBO 1 C25/0,03/1-A	25 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 816	209961
RCBO 1 C32/0,03/1-A	32 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 817	209978
RCBO 1 C40/0,03/1-A	40 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 818	209985
RCBO 1 C45/0,03/1-A	45 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 819	209992

Type AC



residual current operated circuit-breakers with integral overcurrent protection RCBO 1 Type AC, 1-pole

sensitive to residual currents Type AC



characteristic B

RCBO 1 B06/0,03/1-AC	6 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 821	210004
RCBO 1 B10/0,03/1-AC	10 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 822	210011
RCBO 1 B13/0,03/1-AC	13 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 823	210028
RCBO 1 B16/0,03/1-AC	16 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 824	210035
RCBO 1 B20/0,03/1-AC	20 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 825	210042
RCBO 1 B25/0,03/1-AC	25 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 826	210059
RCBO 1 B32/0,03/1-AC	32 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 827	210066
RCBO 1 B40/0,03/1-AC	40 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 828	210073
RCBO 1 B45/0,03/1-AC	45 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 829	210080

characteristic C

RCBO 1 C06/0,03/1-AC	6 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 831	210097
RCBO 1 C10/0,03/1-AC	10 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 832	210103
RCBO 1 C13/0,03/1-AC	13 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 833	210110
RCBO 1 C16/0,03/1-AC	16 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 834	210127
RCBO 1 C20/0,03/1-AC	20 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 835	210134
RCBO 1 C25/0,03/1-AC	25 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 836	210141
RCBO 1 C32/0,03/1-AC	32 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 837	210158
RCBO 1 C40/0,03/1-AC	40 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 838	210165
RCBO 1 C45/0,03/1-AC	45 A, $I_{\Delta n} = 0.03$ A	1	1	09 915 839	210172

Type A



residual current operated circuit-breakers with integral overcurrent protection RCBO 2, Type A, 2-pole

sensitive to pulsating and alternating currents Type A



characteristic B

RCBO 2 B06/0,03/2-A	6 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 301	209046
RCBO 2 B10/0,03/2-A	10 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 302	209060
RCBO 2 B13/0,03/2-A	13 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 303	209084
RCBO 2 B15/0,03/2-A	15 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 300	209107
RCBO 2 B16/0,03/2-A	16 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 304	209121
RCBO 2 B20/0,03/2-A	20 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 305	209145
RCBO 2 B25/0,03/2-A	25 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 306	209169
RCBO 2 B32/0,03/2-A	32 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 307	209183

characteristic C

RCBO 2 C06/0,03/2-A	6 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 321	209206
RCBO 2 C10/0,03/2-A	10 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 322	209220
RCBO 2 C13/0,03/2-A	13 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 323	209244
RCBO 2 C15/0,03/2-A	15 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 320	209268
RCBO 2 C16/0,03/2-A	16 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 324	209282
RCBO 2 C20/0,03/2-A	20 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 325	209305
RCBO 2 C25/0,03/2-A	25 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 326	209329
RCBO 2 C32/0,03/2-A	32 A, $I_{\Delta n} = 0.03$ A	2	1	09 957 327	209343

accessories (RCBO)

mod. pack. Article No. EAN
widths units (4014712...)

Accessories

wiring components RCCB/MCB busbars

busbars for residual current operated and miniature circuit-breakers, Eurovario system as per EN 60664-1



EV-S G 2.12.120	(L1, L2/N) x 6	12	1	09920115	021563
EV-S G 3.1+N.12.120	(L1+N, L2+N, L3+N) x 2	12	1	09920182	045958
EV-S G 4+S.14.16	(L1, L2, L3, N, S) x 3	14	1	09920317	211551
EV-S G 4+S.9.16	(L1, L2, L3, N, S) x 2	9	1	09920316	211544
EV-S G 4.12.120	(L1, L2, L3, N) x 3	12	1	09920123	021648

For the combination 4-pole with auxiliary switch, the DRCBO 4 busbars can be used. Explanation: Hi for a gap of 0.5 MW, S for a gap of 1 MW. You will find a selection aid with common busbars in the information section on page xx.

Accessories

wiring components DRCBO 4-busbars

for RCBOs DRCBO 4 type B/B+ (Switch 2,5 or 4,5 MW wide)



BG2.5.10	fork, 10 mm ² , 5 x (L, N)	12	1	09920151	269712
BG4.2.10	fork, 10 mm ² , L1, L2, L3, N, L1, L2, L3, N	8.5	1	09920157	269774
BG4.3.10	fork, 10 mm ² , 3 x (L1, L2, L3, N)	13	1	09920155	269750
BG4.5.10	fork, 10 mm ² , L1, N, L2, N (L3), N, L1, N, L2, N	12	1	09920153	269736

Accessories

restart locks DEASS/RH-SPE/WES

Equipment which prevents the unintentional activation of switching devices, e.g. during maintenance work.



RH-SPE	for RH/AFDD/DRCBO 3/ELS 3	1		09981115	252677
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Accessories

operating current trip FAM

Operating current trips for RCCB/MCB 1-pole+N design Type A, retro-fittable



FAM 1	for DRCBO 3	0.5	1	09950011	078529
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Accessories

auxiliary switches

Auxiliary switches report the status of the main devices to which they are fitted.



DHi 12	2 CO, for DRCBO 3, DAFDD 1	0.5	1	09200031	242890
DRCBO 4 Hi 1	1 CO, black handle, for FIB/FICType A (3+N) and Type B as well as DRCBO 4	0.5	1	09200030	221437
DRCBO 4 Hi 2	1 CO, Blue knob, for DRCBO 4	0.5	1	09200032	273740
Hi 11	1 NC/1 NO, for DRCBO 3, ELS 3	0.5	1	09950012	130081

circuit-breakers with residual current trip (CBR)

Type A

circuit-breakers with residual current trip DFL 8 A



pulsating AC/DC-sensitive Type A, for industrial applications and increased rated currents

DFL 8 100-4/0,03-A	100 A, $I_{\Delta n} = 0.03$ A	1	09164781	145481
DFL 8 125-4/0,03-A	125 A, $I_{\Delta n} = 0.03$ A	1	09174781	145528
DFL 8 160-4/0,03-A	160 A, $I_{\Delta n} = 0.03$ A	1	09184781	215849
DFL 8 200-4/0,03-A	200 A, $I_{\Delta n} = 0.03$ A	1	09204781	145603
DFL 8 250-4/0,03-A	250 A, $I_{\Delta n} = 0.03$ A	1	09214781	145641

4-pole, 400/690 V/ I_{cu} 50 kA, $I_{\Delta n}$ 0.03 A, function range for test device 280-690 V, adjustment range for overload trip $0.8-1 \times I_{nr}$, adjustment range for short-circuit trip $6-10 \times I_n$

Accessories: housing N-7
on Page: [61](#)

Type A

circuit-breakers with residual current trip DFL 8 A X



pulsating AC/DC-sensitive Type A, for industrial applications and increased rated currents

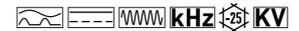
DFL 8 100-4/X-A	100 A	1	09169781	145498
DFL 8 125-4/X-A	125 A	1	09179781	145535
DFL 8 160-4/X-A	160 A	1	09189781	145573
DFL 8 200-4/X-A	200 A	1	09209781	145610
DFL 8 250-4/X-A	250 A	1	09219781	145658

4-pole, 400/690 V/ I_{cu} 50 kA, $I_{\Delta n}$ adjustable 0.3/0.5/1.0/3 A, non-response lag time t_v adjustable 60/150/300/450 ms, function range for test device 280-690 V, adjustment range for overload trip $0.8-1 \times I_{nr}$, adjustment range for short-circuit trip $6-10 \times I_n$

Accessories: housing N-7
on Page: [61](#)

Type B

circuit-breakers with residual current trip DFL 8 B NK



AC/DC-sensitive Type B, increased surge current strength, fire protection up to 150 kHz

DFL 8 100-4/0,03-B NK	100 A, $I_{\Delta n} = 0.03$ A	1	09164783	153646
DFL 8 125-4/0,03-B NK	125 A, $I_{\Delta n} = 0.03$ A	1	09174783	153653
DFL 8 160-4/0,03-B NK	160 A, $I_{\Delta n} = 0.03$ A	1	09184783	153660
DFL 8 200-4/0,03-B NK	200 A, $I_{\Delta n} = 0.03$ A	1	09204783	153677
DFL 8 250-4/0,03-B NK	250 A, $I_{\Delta n} = 0.03$ A	1	09214783	153684

0 - 150 kHz, $I_{\Delta n}$ 0.03 A, function range for test device 50-400 V, adjustment range for overload trip $0.8-1 \times I_{nr}$, adjustment range for short-circuit trip $6-10 \times I_n$

Accessories: housing N-7
on Page: [61](#)

Type B

circuit-breakers with residual current trip DFL 8 B NK X



AC/DC-sensitive Type B, increased surge current strength, fire protection up to 150 kHz

DFL 8 100-4/X-B NK	100 A	1	09169783	153592
DFL 8 125-4/X-B NK	125 A	1	09179783	153608
DFL 8 160-4/X-B NK	160 A	1	09189783	153615
DFL 8 200-4/X-B NK	200 A	1	09209783	153622
DFL 8 250-4/X-B NK	250 A	1	09219783	153639

$I_{\Delta n}$ adjustable 0.3-0.5-1.0 A, fire protection at $I_{\Delta n}$ 0.3 A up to 150 kHz, non-response lag time t_v adjustable 60/150/300/450 ms, function range for test device 50-400 V, adjustment range for overload trip $0.8-1 \times I_{nr}$, adjustment range for short-circuit trip $6-10 \times I_n$

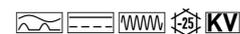
Accessories: housing N-7
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circuit-breakers with residual current trip (CBR)

mod. widths pack. units Article No. EAN (4014712...)

Type B

circuit-breakers with residual current trip DFL 8 B SK



AC/DC-sensitive Type B, increased surge current strength

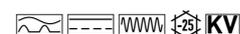
DFL 8 100-4/0,03-B SK	100 A, I _{Δn} = 0.03 A	1	09164784	153691
DFL 8 125-4/0,03-B SK	125 A, I _{Δn} = 0.03 A	1	09174784	153707
DFL 8 160-4/0,03-B SK	160 A, I _{Δn} = 0.03 A	1	09184784	153714
DFL 8 200-4/0,03-B SK	200 A, I _{Δn} = 0.03 A	1	09204784	153721
DFL 8 250-4/0,03-B SK	250 A, I _{Δn} = 0.03 A	1	09214784	153738

0-150 kHz, I_{Δn} 0.03 A, function range for test device 50-400 V, adjustment range for overload trip 0.8-1 × I_n, adjustment range for short-circuit trip 6-10 × I_n

Accessories: housing N-7
on Page: 61

Type B

circuit-breakers with residual current trip DFL 8 B SK V



AC/DC-sensitive Type B, increased surge current strength

DFL 8 160-4/0,03-B SK V500	160 A	1	09184774	217195
DFL 8 200-4/0,03-B SK V500	200 A	1	09204774	237865

0-150 kHz, I_{Δn} 0.03 A, non-response lag time t_v adjustable 60/150/300/450 ms, adjustment range for overload trip 0.8 - 1 × I_n, adjustment range for short-circuit trip 6 - 10 × I_n, function range for test device 50 V - 550 V

Accessories: housing N-7
on Page: 61

Type B

circuit-breakers with residual current trip DFL 8 B SK X



AC/DC-sensitive Type B, increased surge current strength

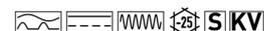
DFL 8 100-4/X-B SK	100 A	1	09169784	153547
DFL 8 125-4/X-B SK	125 A	1	09179784	153554
DFL 8 160-4/X-B SK	160 A	1	09189784	153561
DFL 8 200-4/X-B SK	200 A	1	09209784	153578
DFL 8 250-4/X-B SK	250 A	1	09219784	153585

0-150 kHz, I_{Δn} adjustable 0.3-0.5-1.0 A, non-response lag time t_v adjustable 60/150/300/450 ms (adjustable), adjustment range for overload trip 0.8-1 × I_n, adjustment range for short-circuit trip 6-10 × I_n, function range for test device 50 V - 440 V

Accessories: housing N-7
on Page: 61

Type B

circuit-breakers with residual current trip DFL 8 B SK X V



AC/DC-sensitive Type B, increased surge current strength

DFL 8 200-4/X-B SK V500	200 A	1	09209774	236783
DFL 8 250-4/X-B SK V500	250 A	1	09219774	209657

0-150 kHz, I_{Δn} adjustable 0.3-0.5-1.0 A, non-response lag time t_v adjustable 60/150/300/450 ms (adjustable), adjustment range for overload trip 0.8-1 × I_n, adjustment range for short-circuit trip 6-10 × I_n, function range for test device 50 V - 550 V

Accessories: housing N-7
on Page: 61

Accessories

housing N-7



For circuit-breakers with residual current trip DFL 8

housing N-7		1	09200028	075412
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IP54, lockable, bracket diameter max. 6 mm

residual current monitors (RCM)

mod. widths pack. units Article No. EAN (4014712...)

residual current monitors DRCM Type A



uses 10-way LED display to show the current residual current, external connection of transformer from DCT A series

DRCM 1 A	adjustable	4	1	09340250	199538
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Supply voltage 85 V - 264 V AC/50 – 60 Hz, pulsating AC/DC-sensitive Type A, pre/main alarm 1 changeover contact each

Accessories: residual current transformer DCT Type A, AC on Page: [63](#)

Type A

residual current monitors DCTR Type A



Detects the current leakage/residual currents and produces these proportionally as a 4-20-mA signal.

DCTR A 020/0,30-I	20 mm, I Δ n = 0.3 A	1	09342621	237490
DCTR A 035/0,30-I	35 mm, I Δ n = 0.3 A	1	09342631	220416
DCTR A 070/0,30-I	70 mm, I Δ n = 0.3 A	1	09342641	220430
DCTR A 105/0,30-I	105 mm, I Δ n = 0.3 A	1	09342651	237483

Power supply 24 V DC, potential-free CO contact, operation indication by LED

Type B

residual current monitors DCTR Type B NK



Detects the current leakage/residual currents and produces these proportionally as a 4-20-mA signal.

DCTR B NK 020/0,30-I	20 mm, I Δ n = 0.3 A	1	09344622	238343
DCTR B NK 035/0,30-I	35 mm, I Δ n = 0.3 A	1	09344632	220454
DCTR B NK 070/0,30-I	70 mm, I Δ n = 0.3 A	1	09344642	220478

24 V DC supply, potential-free changeover contact, LED operating conditions display, detection range from 0 Hz to 100 kHz.

Accessories: mounting rail adapters RCM Mount B on Page: [63](#)

Type B

residual current monitors e.Guard RCM



Detects the current leakage/residual currents and produces these proportionally via Ethernet.

e.Guard RCM B 035	35 mm, I Δ n 0.3 A, Iadj.AC max.: 30 A, Iadj.DC max.: 3 A, Type B	1	09344937	249981
e.Guard RCM B 070	70 mm, I Δ n 0.3 A, Iadj.AC max.: 30 A, Iadj.DC max.: 3 A, Type B	1	09344947	249998

Name change: DCTR B-X Hz 035 PoE and DCTR B-X Hz 070 PoE are being renamed to e.Guard RCM B 035 and e.Guard RCM B 070. The products can now be found under the same article number or their new name. The e.Guard software is required to configure the frequency ranges that need to be analysed, and to adjust the two response thresholds for the signal contacts. Supply 24 V DC via PoE or power adapter, two potential-free changeover contacts, operating status indicator with LED, range detected: 0 Hz to 100 kHz.

Accessories: interfaces Gateway, mounting rail adapters RCM Mount B on Page: [63](#)

residual current monitors e.Guard RCM REG



Detects the current leakage/residual currents and produces these proportionally via Ethernet.

e.Guard RCM B 025	25 mm, I Δ n 0,3 A, Iadj.AC max.: 3 A, Iadj.DC max.: 0.3 A, Type B	5	1	09344367	279735
e.Guard RCM F 025	25 mm, I Δ n 0,3 A, Iadj.AC max.: 3 A, Type F	5	1	09346367	279643

The e.Guard software is required to configure the frequency ranges that need to be analysed, and to adjust the two response thresholds for the signal contacts. Supply 24 V DC via PoE or power adapter, two potential-free change-over contacts, operating sta/The e.Guard software is required to configure the frequency ranges that need to be analysed, and to adjust the two response thresholds for the signal contacts. Supply 24 V DC via PoE or power adapter, two potential-free change-over contacts, operating status indicator with LED, range detected: 0 Hz to 100 kHz.

Accessories: interfaces Gateway on Page: [63](#)

accessories (RCM)

mod. pack. Article No. EAN
widths units (4014712...)

Accessories

residual current transformer DCT A



for combination with a DMRC D 1A/DRCM 1A

mod.	pack.	Article No.	EAN
widths	units		(4014712...)
DCT A-020	20 mm	1 09340320	241022
DCT A-035	35 mm	1 09340321	241039
DCT A-070	70 mm	1 09340322	241046
DCT A-105	105 mm	1 09340323	241053

pulsating AC/DC sensitive Type A

Accessories

interfaces e.Guard-Gateway



interface for local and cloud-based data recording and storage. System components of e.Guard

mod.	pack.	Article No.	EAN
widths	units		(4014712...)
e.Guard-Gateway		1 09344989	272958

Operating voltage: 24 V, Ethernet interface, operating state display via 3 LEDs

Accessories

mounting rail adapters RCM Mount B



for mounting rail installation of e.Guard RCM B 035 and e.Guard RCM B 070

mod.	pack.	Article No.	EAN
widths	units		(4014712...)
RCM Mount B 035		1 09344935	274211
RCM Mount B 070		1 09344945	274228

Name change: DCTR B 035-RM and DCTR B 070-RM are being renamed to RCM Mount B 035 and RCM Mount B 070. The products can now be found under the same article number or their new name.

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 1-pole

for commercial sector applications, 6 kA



B-characteristic

1-pole

DLS 6h B6-1	6 A	1	1/12	09914019	161726
DLS 6h B10-1	10 A	1	1/12	09914021	161740
DLS 6h B13-1	13 A	1	1/12	09914022	161757
DLS 6h B16-1	16 A	1	1/12	09914023	161764
DLS 6h B20-1	20 A	1	1/12	09914024	161771
DLS 6h B25-1	25 A	1	1/12	09914025	161788
DLS 6h B32-1	32 A	1	1/12	09914026	161795

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 1-pole+N

for commercial sector applications, 6 kA



B-characteristic

1-pole+N

DLS 6h B6-1+N	6 A	2	1/6	09914049	161948
DLS 6h B10-1+N	10 A	2	1/6	09914051	161962
DLS 6h B13-1+N	13 A	2	1/6	09914052	161979
DLS 6h B16-1+N	16 A	2	1/6	09914053	161986
DLS 6h B20-1+N	20 A	2	1/6	09914054	161993
DLS 6h B25-1+N	25 A	2	1/6	09914055	210271
DLS 6h B32-1+N	32 A	2	1/6	09914056	210288

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 2-pole

for commercial sector applications, 6 kA



B-characteristic

2-pole

DLS 6h B6-2	6 A	2	1/6	09914079	162167
DLS 6h B10-2	10 A	2	1/6	09914081	162181
DLS 6h B13-2	13 A	2	1/6	09914082	162198
DLS 6h B16-2	16 A	2	1/6	09914083	162204
DLS 6h B20-2	20 A	2	1/6	09914084	162211
DLS 6h B25-2	25 A	2	1/6	09914085	162228
DLS 6h B32-2	32 A	2	1/6	09914086	162235

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 3-pole

for commercial sector applications, 6 kA



B-characteristic

3-pole

DLS 6h B6-3	6 A	3	1/4	09914109	162389
DLS 6h B10-3	10 A	3	1/4	09914111	162402
DLS 6h B13-3	13 A	3	1/4	09914112	162419
DLS 6h B16-3	16 A	3	1/4	09914113	162426
DLS 6h B20-3	20 A	3	1/4	09914114	162433
DLS 6h B25-3	25 A	3	1/4	09914115	162440
DLS 6h B32-3	32 A	3	1/4	09914116	162457

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 3-pole+N

for commercial sector applications, 6 kA

B-characteristic

3-pole+N

DLS 6h B6-3+N	6 A	4	1/3	09914139	210295
DLS 6h B10-3+N	10 A	4	1/3	09914141	162624
DLS 6h B13-3+N	13 A	4	1/3	09914142	162631
DLS 6h B16-3+N	16 A	4	1/3	09914143	162648
DLS 6h B20-3+N	20 A	4	1/3	09914144	162655
DLS 6h B25-3+N	25 A	4	1/3	09914145	162662
DLS 6h B32-3+N	32 A	4	1/3	09914146	162679

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)



6 kA



miniature circuit-breakers DLS 6h, B-characteristic, 4-pole

for commercial sector applications, 6 kA

B-characteristic

4-pole

DLS 6h B10-4	10 A	4	1/3	09914171	162846
DLS 6h B16-4	16 A	4	1/3	09914173	162860
DLS 6h B20-4	20 A	4	1/3	09914174	162877

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)



6 kA



miniature circuit-breakers DLS 6h, C-characteristic, 1-pole

for commercial sector applications, 6 kA

C-characteristic

1-pole

DLS 6h C6-1	6 A	1	1/12	09914199	163041
DLS 6h C10-1	10 A	1	1/12	09914201	163065
DLS 6h C13-1	13 A	1	1/12	09914202	163072
DLS 6h C16-1	16 A	1	1/12	09914203	163089
DLS 6h C20-1	20 A	1	1/12	09914204	163096
DLS 6h C25-1	25 A	1	1/12	09914205	163102
DLS 6h C32-1	32 A	1	1/12	09914206	163119

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)



6 kA



miniature circuit-breakers DLS 6h, C-characteristic, 1-pole+N

for commercial sector applications, 6 kA

C-characteristic

1-pole+N

DLS 6h C6-1+N	6 A	2	1/6	09914229	163263
DLS 6h C10-1+N	10 A	2	1/6	09914231	163287
DLS 6h C13-1+N	13 A	2	1/6	09914232	163294
DLS 6h C16-1+N	16 A	2	1/6	09914233	163300
DLS 6h C20-1+N	20 A	2	1/6	09914234	163317
DLS 6h C25-1+N	25 A	2	1/6	09914235	163324
DLS 6h C32-1+N	32 A	2	1/6	09914236	163331

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)



miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6h C-characteristic, 2-pole

for commercial sector applications, 6 kA



C-characteristic

2-pole

DLS 6h C6-2	6 A	2	1/6	09914259	163485
DLS 6h C10-2	10 A	2	1/6	09914261	163508
DLS 6h C13-2	13 A	2	1/6	09914262	210349
DLS 6h C16-2	16 A	2	1/6	09914263	163522
DLS 6h C20-2	20 A	2	1/6	09914264	163539
DLS 6h C25-2	25 A	2	1/6	09914265	163546
DLS 6h C32-2	32 A	2	1/6	09914266	163553

Other rated currents on request.

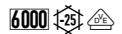
Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, C-characteristic, 3-pole

for commercial sector applications, 6 kA



C-characteristic

3-pole

DLS 6h C6-3	6 A	3	1/4	09914289	163706
DLS 6h C10-3	10 A	3	1/4	09914291	163720
DLS 6h C13-3	13 A	3	1/4	09914292	163737
DLS 6h C16-3	16 A	3	1/4	09914293	163744
DLS 6h C20-3	20 A	3	1/4	09914294	163751
DLS 6h C25-3	25 A	3	1/4	09914295	163768

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, C-characteristic, 3-pole+N

for commercial sector applications, 6 kA



C-characteristic

3-pole+N

DLS 6h C6-3+N	6 A	4	1/3	09914319	163928
DLS 6h C10-3+N	10 A	4	1/3	09914321	163942
DLS 6h C13-3+N	13 A	4	1/3	09914322	163959
DLS 6h C16-3+N	16 A	4	1/3	09914323	163966
DLS 6h C20-3+N	20 A	4	1/3	09914324	163973
DLS 6h C25-3+N	25 A	4	1/3	09914325	163980
DLS 6h C32-3+N	32 A	4	1/3	09914326	163997

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6h, C-characteristic, 4-pole

for commercial sector applications, 6 kA



C-characteristic

4-pole

DLS 6h C16-4	16 A	4	1/3	09914353	164185
DLS 6h C20-4	20 A	4	1/3	09914354	164192
DLS 6h C25-4	25 A	4	1/3	09914355	164208
DLS 6h C32-4	32 A	4	1/3	09914356	164215

16 A with VDE certification. Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6hdc, B-characteristic, 1-pole



for DC circuits, 6 kA

B-characteristic

1-pole

DLS 6hdc B1-1	1 A	1	1/12	09 912 011	959033
DLS 6hdc B2-1	2 A	1	1/12	09 912 013	959095
DLS 6hdc B3-1	3 A	1	1/12	09 912 015	959156
DLS 6hdc B4-1	4 A	1	1/12	09 912 017	959217
DLS 6hdc B6-1	6 A	1	1/12	09 912 019	959279
DLS 6hdc B10-1	10 A	1	1/12	09 912 021	959330
DLS 6hdc B13-1	13 A	1	1/12	09 912 022	959361
DLS 6hdc B16-1	16 A	1	1	09 912 023	959392
DLS 6hdc B20-1	20 A	1	1/12	09 912 024	959422
DLS 6hdc B25-1	25 A	1	1/12	09 912 025	959453
DLS 6hdc B32-1	32 A	1	1/12	09 912 026	959484
DLS 6hdc B40-1	40 A	1	1/12	09 912 027	959514
DLS 6hdc B50-1	50 A	1	1/12	09 912 028	959545
DLS 6hdc B63-1	63 A	1	1/12	09 912 029	959576

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6hdc, B-characteristic, 2-pole



for DC circuits, 6 kA

B-characteristic

2-pole

DLS 6hdc B1-2	1 A	2	1	09 912 071	959699
DLS 6hdc B2-2	2 A	2	1/6	09 912 073	959750
DLS 6hdc B3-2	3 A	2	1/6	09 912 075	959811
DLS 6hdc B4-2	4 A	2	1/6	09 912 077	959873
DLS 6hdc B6-2	6 A	2	1/6	09 912 079	959934
DLS 6hdc B10-2	10 A	2	1/6	09 912 081	959996
DLS 6hdc B13-2	13 A	2	1/6	09 912 082	960022
DLS 6hdc B16-2	16 A	2	1/6	09 912 083	960053
DLS 6hdc B20-2	20 A	2	1/6	09 912 084	960084
DLS 6hdc B25-2	25 A	2	1/6	09 912 085	960114
DLS 6hdc B32-2	32 A	2	1/6	09 912 086	960145
DLS 6hdc B40-2	40 A	2	1	09 912 087	960176
DLS 6hdc B50-2	50 A	2	1	09 912 088	960206
DLS 6hdc B63-2	63 A	2	1	09 912 089	960237

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6hdc, C-characteristic, 1-pole



for DC circuits, 6 kA

C-characteristic

1-pole

DLS 6hdc C0,5-1	0.5 A	1	1/12	09912189	960299
DLS 6hdc C1-1	1 A	1	1	09912191	960350
DLS 6hdc C2-1	2 A	1	1/12	09912193	960411
DLS 6hdc C3-1	3 A	1	1/12	09912195	960473
DLS 6hdc C4-1	4 A	1	1/12	09912197	960534
DLS 6hdc C6-1	6 A	1	1/12	09912199	960596
DLS 6hdc C10-1	10 A	1	1/12	09912201	960657
DLS 6hdc C13-1	13 A	1	1/12	09912202	960688
DLS 6hdc C16-1	16 A	1	1/12	09912203	960718
DLS 6hdc C20-1	20 A	1	1/12	09912204	960749
DLS 6hdc C25-1	25 A	1	1/12	09912205	960770
DLS 6hdc C32-1	32 A	1	1/12	09912206	960800
DLS 6hdc C40-1	40 A	1	1/12	09912207	960831
DLS 6hdc C50-1	50 A	1	1/12	09912208	960862
DLS 6hdc C63-1	63 A	1	1/12	09912209	960893

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

6 kA



miniature circuit-breakers DLS 6hdc, C-characteristic, 2-pole



for DC circuits, 6 kA

C-characteristic

2-pole

DLS 6hdc C0,5-2	0.5 A	2	1	09912249	960954
DLS 6hdc C1-2	1 A	2	1	09912251	961012
DLS 6hdc C2-2	2 A	2	1/6	09912253	961074
DLS 6hdc C3-2	3 A	2	1	09912255	961135
DLS 6hdc C4-2	4 A	2	1/6	09912257	961197
DLS 6hdc C6-2	6 A	2	1/6	09912259	961258
DLS 6hdc C10-2	10 A	2	1/6	09912261	961319
DLS 6hdc C13-2	13 A	2	1	09912262	961340
DLS 6hdc C16-2	16 A	2	1/6	09912263	961371
DLS 6hdc C20-2	20 A	2	1/6	09912264	961401
DLS 6hdc C25-2	25 A	2	1/6	09912265	961432
DLS 6hdc C32-2	32 A	2	1/6	09912266	961463
DLS 6hdc C40-2	40 A	2	1	09912267	961494
DLS 6hdc C50-2	50 A	2	1	09912268	961524
DLS 6hdc C63-2	63 A	2	1/6	09912269	961555

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers DLS 6hsl, B-characteristic, 1-pole

6000 / 6000

for commercial sector applications, screw-less, 6 kA

B-characteristic

1-pole

DLS 6hsl B6-1	6 A	1	1/12	09917019	189447
DLS 6hsl B10-1	10 A	1	1/12	09917021	189461
DLS 6hsl B13-1	13 A	1	1/12	09917022	189478
DLS 6hsl B16-1	16 A	1	1/12	09917023	189485
DLS 6hsl B20-1	20 A	1	1/12	09917024	189492

16 A with VDE certification.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6hsl, B-characteristic, 3-pole

6000 / 6000

for commercial sector applications, screw-less, 6 kA

B-characteristic

3-pole

DLS 6hsl B6-3	6 A	1	1/4	09917109	190108
DLS 6hsl B10-3	10 A	1	1/4	09917111	190122
DLS 6hsl B13-3	13 A	1	1/4	09917112	190139
DLS 6hsl B16-3	16 A	1	1/4	09917113	190146
DLS 6hsl B20-3	20 A	1	1/4	09917114	190153

16 A with VDE certification.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6hsl, C-characteristic, 1-pole

6000 / 6000

for commercial sector applications, screw-less, 6 kA

C-characteristic

1-pole

DLS 6hsl C6-1	6 A	1	1/12	09917199	190764
DLS 6hsl C10-1	10 A	1	1/12	09917201	190788
DLS 6hsl C13-1	13 A	1	1/12	09917202	190795
DLS 6hsl C16-1	16 A	1	1/12	09917203	190801
DLS 6hsl C20-1	20 A	1	1/12	09917204	190818

16 A with VDE certification.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

6 kA



miniature circuit-breakers DLS 6hsl, C-characteristic, 3-pole

6000 / 6000

for commercial sector applications, screw-less, 6 kA

C-characteristic

3-pole

DLS 6hsl C6-3	6 A	1	1/4	09917289	191426
DLS 6hsl C10-3	10 A	1	1/4	09917291	191440
DLS 6hsl C13-3	13 A	1	1/4	09917292	191457
DLS 6hsl C16-3	16 A	1	1/4	09917293	191464
DLS 6hsl C20-3	20 A	1	1/4	09917294	191471

16 A with VDE certification.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, B-characteristic, 1-pole



for industrial facilities, 10 kA

B-characteristic

1-pole

DLS 6i B1-1	1 A	1	1/12	09916011	169562
DLS 6i B1,6-1	1.6 A	1	1/12	09916012	169579
DLS 6i B2-1	2 A	1	1/12	09916013	169586
DLS 6i B2,5-1	2.5 A	1	1/12	09916014	169593
DLS 6i B3-1	3 A	1	1/12	09916015	169609
DLS 6i B3,5-1	3.5 A	1	1/12	09916016	169616
DLS 6i B4-1	4 A	1	1/12	09916017	169623
DLS 6i B5-1	5 A	1	1/12	09916018	169630
DLS 6i B6-1	6 A	1	1/12	09916019	169647
DLS 6i B8-1	8 A	1	1/12	09916020	169654
DLS 6i B10-1	10 A	1	1/12	09916021	169661
DLS 6i B13-1	13 A	1	1/12	09916022	169678
DLS 6i B16-1	16 A	1	1/12	09916023	169685
DLS 6i B20-1	20 A	1	1/12	09916024	169692
DLS 6i B25-1	25 A	1	1/12	09916025	169708
DLS 6i B32-1	32 A	1	1/12	09916026	169715
DLS 6i B40-1	40 A	1	1/12	09916027	169722
DLS 6i B50-1	50 A	1	1/12	09916028	169739
DLS 6i B63-1	63 A	1	1/12	09916029	169746

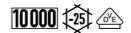
Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

10 kA



miniature circuit-breakers DLS 6i, B-characteristic, 1-pole+N



for industrial facilities, 10 kA

B-characteristic

1-pole+N

DLS 6i B1-1+N	1 A	2	1/6	09916041	169784
DLS 6i B1,6-1+N	1.6 A	2	1/6	09916042	169791
DLS 6i B2-1+N	2 A	2	1/6	09916043	169807
DLS 6i B2,5-1+N	2.5 A	2	1/6	09916044	169814
DLS 6i B3-1+N	3 A	2	1/6	09916045	169821
DLS 6i B3,5-1+N	3.5 A	2	1/6	09916046	169838
DLS 6i B4-1+N	4 A	2	1/6	09916047	169845
DLS 6i B5-1+N	5 A	2	1/6	09916048	169852
DLS 6i B6-1+N	6 A	2	1/6	09916049	169869
DLS 6i B8-1+N	8 A	2	1/6	09916050	169876
DLS 6i B10-1+N	10 A	2	1/6	09916051	169883
DLS 6i B13-1+N	13 A	2	1/6	09916052	169890
DLS 6i B16-1+N	16 A	2	1/6	09916053	169906
DLS 6i B20-1+N	20 A	2	1/6	09916054	169913
DLS 6i B25-1+N	25 A	2	1/6	09916055	169920
DLS 6i B32-1+N	32 A	2	1/6	09916056	169937
DLS 6i B40-1+N	40 A	2	1/6	09916057	169944
DLS 6i B50-1+N	50 A	2	1/6	09916058	169951
DLS 6i B63-1+N	63 A	2	1/6	09916059	169968

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA

miniature circuit-breakers DLS 6i, B-characteristic, 2-pole



for industrial facilities, 10 kA

B-characteristic

2-pole

DLS 6i B1-2	1 A	2	1/6	09916071	170001
DLS 6i B1,6-2	1.6 A	2	1/6	09916072	170018
DLS 6i B2-2	2 A	2	1/6	09916073	170025
DLS 6i B2,5-2	2.5 A	2	1/6	09916074	170032
DLS 6i B3-2	3 A	2	1/6	09916075	170049
DLS 6i B3,5-2	3.5 A	2	1/6	09916076	170056
DLS 6i B4-2	4 A	2	1/6	09916077	170063
DLS 6i B5-2	5 A	2	1/6	09916078	170070
DLS 6i B6-2	6 A	2	1/6	09916079	170087
DLS 6i B8-2	8 A	2	1/6	09916080	170094
DLS 6i B10-2	10 A	2	1/6	09916081	170100
DLS 6i B13-2	13 A	2	1/6	09916082	170117
DLS 6i B16-2	16 A	2	1/6	09916083	170124
DLS 6i B20-2	20 A	2	1/6	09916084	170131
DLS 6i B25-2	25 A	2	1/6	09916085	170148
DLS 6i B32-2	32 A	2	1/6	09916086	170155
DLS 6i B40-2	40 A	2	1/6	09916087	170162
DLS 6i B50-2	50 A	2	1/6	09916088	170179
DLS 6i B63-2	63 A	2	1/6	09916089	170186

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

10 kA

miniature circuit-breakers DLS 6i, B-characteristic, 3-pole



for industrial facilities, 10 kA

B-characteristic

3-pole

DLS 6i B1-3	1 A	3	1/4	09916101	170223
DLS 6i B1,6-3	1.6 A	3	1/4	09916102	210370
DLS 6i B2-3	2 A	3	1/4	09916103	170247
DLS 6i B2,5-3	2.5 A	3	1/4	09916104	170254
DLS 6i B3-3	3 A	3	1/4	09916105	170261
DLS 6i B3,5-3	3.5 A	3	1/4	09916106	170278
DLS 6i B4-3	4 A	3	1/4	09916107	170285
DLS 6i B5-3	5 A	3	1/4	09916108	170292
DLS 6i B6-3	6 A	3	1/4	09916109	170308
DLS 6i B8-3	8 A	3	1/4	09916110	170315
DLS 6i B10-3	10 A	3	1/4	09916111	170322
DLS 6i B13-3	13 A	3	1/4	09916112	170339
DLS 6i B16-3	16 A	3	1/4	09916113	170346
DLS 6i B20-3	20 A	3	1/4	09916114	170353
DLS 6i B25-3	25 A	3	1/4	09916115	170360
DLS 6i B32-3	32 A	3	1/4	09916116	170377
DLS 6i B40-3	40 A	3	1/4	09916117	170384
DLS 6i B50-3	50 A	3	1/4	09916118	170391
DLS 6i B63-3	63 A	3	1/4	09916119	170407

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, B-characteristic, 3-pole+N



for industrial facilities, 10 kA

B-characteristic

3-pole+N

DLS 6i B1-3+N	1 A	4	1/3	09916131	170445
DLS 6i B1,6-3+N	1.6 A	4	1/3	09916132	170452
DLS 6i B2-3+N	2 A	4	1/3	09916133	170469
DLS 6i B2,5-3+N	2.5 A	4	1/3	09916134	170476
DLS 6i B3-3+N	3 A	4	1/3	09916135	170483
DLS 6i B3,5-3+N	3.5 A	4	1/3	09916136	170490
DLS 6i B4-3+N	4 A	4	1/3	09916137	170506
DLS 6i B5-3+N	5 A	4	1/3	09916138	170513
DLS 6i B6-3+N	6 A	4	1/3	09916139	170520
DLS 6i B8-3+N	8 A	4	1/3	09916140	210387
DLS 6i B10-3+N	10 A	4	1/3	09916141	170544
DLS 6i B13-3+N	13 A	4	1/3	09916142	170551
DLS 6i B16-3+N	16 A	4	1/3	09916143	170568
DLS 6i B20-3+N	20 A	4	1/3	09916144	170575
DLS 6i B25-3+N	25 A	4	1/3	09916145	170582
DLS 6i B32-3+N	32 A	4	1/3	09916146	170599
DLS 6i B40-3+N	40 A	4	1/3	09916147	170605
DLS 6i B50-3+N	50 A	4	1/3	09916148	170612
DLS 6i B63-3+N	63 A	4	1/3	09916149	170629

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

10 kA



miniature circuit-breakers DLS 6i, B-characteristic, 4-pole



for industrial facilities, 10 kA

B-characteristic

4-pole

DLS 6i B1-4	1 A	4	1/3	09916161	170667
DLS 6i B1,6-4	1.6 A	4	1/3	09916162	170674
DLS 6i B2-4	2 A	4	1/3	09916163	170681
DLS 6i B2,5-4	2.5 A	4	1/3	09916164	170698
DLS 6i B3-4	3 A	4	1/3	09916165	170704
DLS 6i B3,5-4	3.5 A	4	1/3	09916166	170711
DLS 6i B4-4	4 A	4	1/3	09916167	170728
DLS 6i B5-4	5 A	4	1/3	09916168	170735
DLS 6i B6-4	6 A	4	1/3	09916169	170742
DLS 6i B8-4	8 A	4	1/3	09916170	170759
DLS 6i B10-4	10 A	4	1/3	09916171	170766
DLS 6i B13-4	13 A	4	1/3	09916172	170773
DLS 6i B16-4	16 A	4	1/3	09916173	170780
DLS 6i B20-4	20 A	4	1/3	09916174	170797
DLS 6i B25-4	25 A	4	1/3	09916175	170803
DLS 6i B32-4	32 A	4	1/3	09916176	170810
DLS 6i B40-4	40 A	4	1/3	09916177	170827
DLS 6i B50-4	50 A	4	1/3	09916178	170834
DLS 6i B63-4	63 A	4	1/3	09916179	170841

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, C-characteristic, 1-pole



for industrial facilities, 10 kA

C-characteristic

1-pole

DLS 6i C0,3-1	0.3 A	1	1/12	09916188	170858
DLS 6i C0,5-1	0.5 A	1	1/12	09916189	170865
DLS 6i C0,8-1	0.8 A	1	1/12	09916190	170872
DLS 6i C1-1	1 A	1	1/12	09916191	170889
DLS 6i C1,6-1	1.6 A	1	1/12	09916192	170896
DLS 6i C2-1	2 A	1	1/12	09916193	170902
DLS 6i C2,5-1	2.5 A	1	1/12	09916194	170919
DLS 6i C3-1	3 A	1	1/12	09916195	170926
DLS 6i C3,5-1	3.5 A	1	1/12	09916196	170933
DLS 6i C4-1	4 A	1	1/12	09916197	170940
DLS 6i C5-1	5 A	1	1/12	09916198	170957
DLS 6i C6-1	6 A	1	1/12	09916199	170964
DLS 6i C8-1	8 A	1	1/12	09916200	170971
DLS 6i C10-1	10 A	1	1/12	09916201	170988
DLS 6i C13-1	13 A	1	1/12	09916202	170995
DLS 6i C16-1	16 A	1	1/12	09916203	171008
DLS 6i C20-1	20 A	1	1/12	09916204	171015
DLS 6i C25-1	25 A	1	1/12	09916205	171022
DLS 6i C32-1	32 A	1	1/12	09916206	171039
DLS 6i C40-1	40 A	1	1/12	09916207	171046
DLS 6i C50-1	50 A	1	1/12	09916208	171053
DLS 6i C63-1	63 A	1	1/12	09916209	171060

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

10 kA



miniature circuit-breakers DLS 6i, C-characteristic, 1-pole+N



for industrial facilities, 10 kA

C-characteristic

1-pole+N

DLS 6i C0,3-1+N	0.3 A	2	1/6	09916218	171077
DLS 6i C0,5-1+N	0.5 A	2	1/6	09916219	171084
DLS 6i C0,8-1+N	0.8 A	2	1/6	09916220	171091
DLS 6i C1-1+N	1 A	2	1/6	09916221	171107
DLS 6i C1,6-1+N	1.6 A	2	1/6	09916222	171114
DLS 6i C2-1+N	2 A	2	1/6	09916223	247888
DLS 6i C2,5-1+N	2.5 A	2	1/6	09916224	171138
DLS 6i C3-1+N	3 A	2	1/6	09916225	171145
DLS 6i C3,5-1+N	3.5 A	2	1/6	09916226	171152
DLS 6i C4-1+N	4 A	2	1/6	09916227	171169
DLS 6i C5-1+N	5 A	2	1/6	09916228	171176
DLS 6i C6-1+N	6 A	2	1/6	09916229	171183
DLS 6i C8-1+N	8 A	2	1/6	09916230	171190
DLS 6i C10-1+N	10 A	2	1/6	09916231	171206
DLS 6i C13-1+N	13 A	2	1/6	09916232	171213
DLS 6i C16-1+N	16 A	2	1/6	09916233	171220
DLS 6i C20-1+N	20 A	2	1/6	09916234	171237
DLS 6i C25-1+N	25 A	2	1/6	09916235	171244
DLS 6i C32-1+N	32 A	2	1/6	09916236	171251
DLS 6i C40-1+N	40 A	2	1/6	09916237	171268
DLS 6i C50-1+N	50 A	2	1/6	09916238	171275
DLS 6i C63-1+N	63 A	2	1/6	09916239	171282

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, C-characteristic, 2-pole

10000

for industrial facilities, 10 kA

C-characteristic

2-pole

DLS 6i C0,3-2	0.3 A	2	1/6	09916248	171299
DLS 6i C0,5-2	0.5 A	2	1/6	09916249	171305
DLS 6i C0,8-2	0.8 A	2	1/6	09916250	171312
DLS 6i C1-2	1 A	2	1/6	09916251	171329
DLS 6i C1,6-2	1.6 A	2	1/6	09916252	171336
DLS 6i C2-2	2 A	2	1/6	09916253	171343
DLS 6i C2,5-2	2.5 A	2	1/6	09916254	171350
DLS 6i C3-2	3 A	2	1/6	09916255	171367
DLS 6i C3,5-2	3.5 A	2	1/6	09916256	171374
DLS 6i C4-2	4 A	2	1/6	09916257	171381
DLS 6i C5-2	5 A	2	1/6	09916258	171398
DLS 6i C6-2	6 A	2	1/6	09916259	171404
DLS 6i C8-2	8 A	2	1/6	09916260	171411
DLS 6i C10-2	10 A	2	1/6	09916261	171428
DLS 6i C13-2	13 A	2	1/6	09916262	171435
DLS 6i C16-2	16 A	2	1/6	09916263	171442
DLS 6i C20-2	20 A	2	1/6	09916264	171459
DLS 6i C25-2	25 A	2	1/6	09916265	171466
DLS 6i C32-2	32 A	2	1/6	09916266	171473
DLS 6i C40-2	40 A	2	1/6	09916267	171480
DLS 6i C50-2	50 A	2	1/6	09916268	171497
DLS 6i C63-2	63 A	2	1/6	09916269	171503

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

10 kA



miniature circuit-breakers DLS 6i, C-characteristic, 3-pole

10000

for industrial facilities, 10 kA

C-characteristic

3-pole

DLS 6i C0,3-3	0.3 A	3	1/4	09916278	171510
DLS 6i C0,5-3	0.5 A	3	1/4	09916279	171527
DLS 6i C0,8-3	0.8 A	3	1/4	09916280	171534
DLS 6i C1-3	1 A	3	1/4	09916281	171541
DLS 6i C1,6-3	1.6 A	3	1/4	09916282	171558
DLS 6i C2-3	2 A	3	1/4	09916283	171565
DLS 6i C2,5-3	2.5 A	3	1/4	09916284	171572
DLS 6i C3-3	3 A	3	1/4	09916285	171589
DLS 6i C3,5-3	3.5 A	3	1/4	09916286	171596
DLS 6i C4-3	4 A	3	1/4	09916287	171602
DLS 6i C5-3	5 A	3	1/4	09916288	171619
DLS 6i C6-3	6 A	3	1/4	09916289	171626
DLS 6i C8-3	8 A	3	1/4	09916290	171633
DLS 6i C10-3	10 A	3	1/4	09916291	171640
DLS 6i C13-3	13 A	3	1/4	09916292	171657
DLS 6i C16-3	16 A	3	1/4	09916293	171664
DLS 6i C20-3	20 A	3	1/4	09916294	171671
DLS 6i C25-3	25 A	3	1/4	09916295	171688
DLS 6i C32-3	32 A	3	1/4	09916296	171695
DLS 6i C40-3	40 A	3	1/4	09916297	171701
DLS 6i C50-3	50 A	3	1/4	09916298	171718
DLS 6i C63-3	63 A	3	1/4	09916299	171725

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA

miniature circuit-breakers DLS 6i, C-characteristic, 3-pole+N



for industrial facilities, 10 kA

C-characteristic

3-pole+N

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i C0,3-3+N	0.3 A	4	1/3	09916308	171732
DLS 6i C0,5-3+N	0.5 A	4	1/3	09916309	171749
DLS 6i C0,8-3+N	0.8 A	4	1/3	09916310	171756
DLS 6i C1-3+N	1 A	4	1/3	09916311	171763
DLS 6i C1,6-3+N	1.6 A	4	1/3	09916312	171770
DLS 6i C2-3+N	2 A	4	1/3	09916313	171787
DLS 6i C2,5-3+N	2.5 A	4	1/3	09916314	171794
DLS 6i C3-3+N	3 A	4	1/3	09916315	171800
DLS 6i C3,5-3+N	3.5 A	4	1/3	09916316	171817
DLS 6i C4-3+N	4 A	4	1/3	09916317	171824
DLS 6i C5-3+N	5 A	4	1/3	09916318	171831
DLS 6i C6-3+N	6 A	4	1/3	09916319	171848
DLS 6i C8-3+N	8 A	4	1/3	09916320	171855
DLS 6i C10-3+N	10 A	4	1/3	09916321	171862
DLS 6i C13-3+N	13 A	4	1/3	09916322	171879
DLS 6i C16-3+N	16 A	4	1/3	09916323	171886
DLS 6i C20-3+N	20 A	4	1/3	09916324	171893
DLS 6i C25-3+N	25 A	4	1/3	09916325	171909
DLS 6i C32-3+N	32 A	4	1/3	09916326	171916
DLS 6i C40-3+N	40 A	4	1/3	09916327	171923
DLS 6i C50-3+N	50 A	4	1/3	09916328	171930
DLS 6i C63-3+N	63 A	4	1/3	09916329	171947

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

10 kA

miniature circuit-breakers DLS 6i, C-characteristic, 4-pole



for industrial facilities, 10 kA

C-characteristic

4-pole

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i C0,3-4	0.3 A	4	1/3	09916338	171954
DLS 6i C0,5-4	0.5 A	4	1/3	09916339	171961
DLS 6i C0,8-4	0.8 A	4	1/3	09916340	171978
DLS 6i C1-4	1 A	4	1/3	09916341	171985
DLS 6i C1,6-4	1.6 A	4	1/3	09916342	171992
DLS 6i C2-4	2 A	4	1/3	09916343	172005
DLS 6i C2,5-4	2.5 A	4	1/3	09916344	172012
DLS 6i C3-4	3 A	4	1/3	09916345	172029
DLS 6i C3,5-4	3.5 A	4	1/3	09916346	172036
DLS 6i C4-4	4 A	4	1/3	09916347	172043
DLS 6i C5-4	5 A	4	1/3	09916348	172050
DLS 6i C6-4	6 A	4	1/3	09916349	172067
DLS 6i C8-4	8 A	4	1/3	09916350	172074
DLS 6i C10-4	10 A	4	1/3	09916351	172081
DLS 6i C13-4	13 A	4	1/3	09916352	172098
DLS 6i C16-4	16 A	4	1/3	09916353	172104
DLS 6i C20-4	20 A	4	1/3	09916354	172111
DLS 6i C25-4	25 A	4	1/3	09916355	172128
DLS 6i C32-4	32 A	4	1/3	09916356	172135
DLS 6i C40-4	40 A	4	1/3	09916357	172142
DLS 6i C50-4	50 A	4	1/3	09916358	172159
DLS 6i C63-4	63 A	4	1/3	09916359	172166

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, D-characteristic, 1-pole

10000  

for industrial facilities, 10 kA

D-characteristic

1-pole

DLS 6i D0,3-1	0.3 A	1	1/12	09916368	172173
DLS 6i D0,5-1	0.5 A	1	1/12	09916369	172180
DLS 6i D0,8-1	0.8 A	1	1/12	09916370	172197
DLS 6i D1-1	1 A	1	1/12	09916371	172203
DLS 6i D1,6-1	1.6 A	1	1/12	09916372	172210
DLS 6i D2-1	2 A	1	1/12	09916373	172227
DLS 6i D2,5-1	2.5 A	1	1/12	09916374	172234
DLS 6i D3-1	3 A	1	1/12	09916375	172241
DLS 6i D3,5-1	3.5 A	1	1/12	09916376	172258
DLS 6i D4-1	4 A	1	1/12	09916377	172265
DLS 6i D5-1	5 A	1	1/12	09916378	172272
DLS 6i D6-1	6 A	1	1/12	09916379	172289
DLS 6i D8-1	8 A	1	1/12	09916380	172296
DLS 6i D10-1	10 A	1	1/12	09916381	172302
DLS 6i D13-1	13 A	1	1/12	09916382	172319
DLS 6i D16-1	16 A	1	1/12	09916383	172326
DLS 6i D20-1	20 A	1	1/12	09916384	172333
DLS 6i D25-1	25 A	1	1/12	09916385	172340
DLS 6i D32-1	32 A	1	1/12	09916386	172357
DLS 6i D40-1	40 A	1	1/12	09916387	172364

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
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6 kA



miniature circuit-breakers DLS 6i, D characteristic, 1-pole, 6 kA

6000  

for industrial facilities, 6 kA

D-characteristic

1-pole

DLS 6i D50-1	50 A	1	1/12	09916388	172371
DLS 6i D63-1	63 A	1	1/12	09916389	172388

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS
on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, D-characteristic, 1-pole+N



for industrial facilities, 10 kA

D-characteristic

1-pole+N

DLS 6i D0,3-1+N	0.3 A	2	1/6	09916398	172395
DLS 6i D0,5-1+N	0.5 A	2	1/6	09916399	172401
DLS 6i D0,8-1+N	0.8 A	2	1/6	09916400	172418
DLS 6i D1-1+N	1 A	2	1/6	09916401	172425
DLS 6i D1,6-1+N	1.6 A	2	1/6	09916402	172432
DLS 6i D2-1+N	2 A	2	1/6	09916403	172449
DLS 6i D2,5-1+N	2.5 A	2	1/6	09916404	172456
DLS 6i D3-1+N	3 A	2	1/6	09916405	172463
DLS 6i D3,5-1+N	3.5 A	2	1/6	09916406	172470
DLS 6i D4-1+N	4 A	2	1/6	09916407	172487
DLS 6i D5-1+N	5 A	2	1/6	09916408	172494
DLS 6i D6-1+N	6 A	2	1/6	09916409	172500
DLS 6i D8-1+N	8 A	2	1/6	09916410	172517
DLS 6i D10-1+N	10 A	2	1/6	09916411	172524
DLS 6i D13-1+N	13 A	2	1/6	09916412	172531
DLS 6i D16-1+N	16 A	2	1/6	09916413	172548
DLS 6i D20-1+N	20 A	2	1/6	09916414	172555
DLS 6i D25-1+N	25 A	2	1/6	09916415	172562
DLS 6i D32-1+N	32 A	2	1/6	09916416	172579
DLS 6i D40-1+N	40 A	2	1/6	09916417	172586

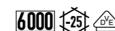
Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98](#), [99](#)

6 kA



miniature circuit-breakers DLS 6i, D characteristic, 1-pole+N, 6 kA



for industrial facilities, 6 kA

D-characteristic

1-pole+N

DLS 6i D50-1+N	50 A	2	1/6	09916418	172593
DLS 6i D63-1+N	63 A	2	1/6	09916419	172609

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS on Page: [98](#), [99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, D-characteristic, 2-pole

10000

for industrial facilities, 10 kA

D-characteristic

2-pole

DLS 6i D0,3-2	0.3 A	2	1/6	09916428	172616
DLS 6i D0,5-2	0.5 A	2	1/6	09916429	172623
DLS 6i D0,8-2	0.8 A	2	1/6	09916430	172630
DLS 6i D1-2	1 A	2	1/6	09916431	172647
DLS 6i D1,6-2	1.6 A	2	1/6	09916432	172654
DLS 6i D2-2	2 A	2	1/6	09916433	172661
DLS 6i D2,5-2	2.5 A	2	1/6	09916434	172678
DLS 6i D3-2	3 A	2	1/6	09916435	172685
DLS 6i D3,5-2	3.5 A	2	1/6	09916436	172692
DLS 6i D4-2	4 A	2	1/6	09916437	172708
DLS 6i D5-2	5 A	2	1/6	09916438	172715
DLS 6i D6-2	6 A	2	1/6	09916439	172722
DLS 6i D8-2	8 A	2	1/6	09916440	172739
DLS 6i D10-2	10 A	2	1/6	09916441	172746
DLS 6i D13-2	13 A	2	1/6	09916442	172753
DLS 6i D16-2	16 A	2	1/6	09916443	172760
DLS 6i D20-2	20 A	2	1/6	09916444	172777
DLS 6i D25-2	25 A	2	1/6	09916445	172784
DLS 6i D32-2	32 A	2	1/6	09916446	172791
DLS 6i D40-2	40 A	2	1/6	09916447	172807

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: [98](#), [99](#)

6 kA



miniature circuit-breakers DLS 6i, D characteristic, 2-pole, 6 kA

6000

for industrial facilities, 6 kA

D-characteristic

2-pole

DLS 6i D50-2	50 A	2	1/6	09916448	172814
DLS 6i D63-2	63 A	2	1/6	09916449	172821

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS
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miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, D-characteristic, 3-pole



for industrial facilities, 10 kA

D-characteristic

3-pole

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D0,3-3	0.3 A	3	1/4	09916458	172838
DLS 6i D0,5-3	0.5 A	3	1/4	09916459	172845
DLS 6i D0,8-3	0.8 A	3	1/4	09916460	172852
DLS 6i D1-3	1 A	3	1/4	09916461	172869
DLS 6i D1,6-3	1.6 A	3	1/4	09916462	172876
DLS 6i D2-3	2 A	3	1/4	09916463	172883
DLS 6i D2,5-3	2.5 A	3	1/4	09916464	172890
DLS 6i D3-3	3 A	3	1/4	09916465	172906
DLS 6i D3,5-3	3.5 A	3	1/4	09916466	172913
DLS 6i D4-3	4 A	3	1/4	09916467	172920
DLS 6i D5-3	5 A	3	1/4	09916468	172937
DLS 6i D6-3	6 A	3	1/4	09916469	172944
DLS 6i D8-3	8 A	3	1/4	09916470	172951
DLS 6i D10-3	10 A	3	1/4	09916471	172968
DLS 6i D13-3	13 A	3	1/4	09916472	172975
DLS 6i D16-3	16 A	3	1/4	09916473	172982
DLS 6i D20-3	20 A	3	1/4	09916474	172999
DLS 6i D25-3	25 A	3	1/4	09916475	173002
DLS 6i D32-3	32 A	3	1/4	09916476	173019
DLS 6i D40-3	40 A	3	1/4	09916477	173026

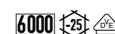
Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

6 kA



miniature circuit-breakers DLS 6i, D characteristic, 3-pole, 6 kA



for industrial facilities, 6 kA

D-characteristic

3-pole

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D50-3	50 A	3	1/4	09916478	173033
DLS 6i D63-3	63 A	3	1/4	09916479	173040

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, D-characteristic, 3-pole+N

for industrial facilities, 10 kA

10000

D-characteristic
3-pole+N

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D0,3-3+N	0.3 A	4	1/3	09916488	173057
DLS 6i D0,5-3+N	0.5 A	4	1/3	09916489	173064
DLS 6i D0,8-3+N	0.8 A	4	1/3	09916490	173071
DLS 6i D1-3+N	1 A	4	1/3	09916491	173088
DLS 6i D1,6-3+N	1.6 A	4	1/3	09916492	173095
DLS 6i D2-3+N	2 A	4	1/3	09916493	173101
DLS 6i D2,5-3+N	2.5 A	4	1/3	09916494	173118
DLS 6i D3-3+N	3 A	4	1/3	09916495	173125
DLS 6i D3,5-3+N	3.5 A	4	1/3	09916496	173132
DLS 6i D4-3+N	4 A	4	1/3	09916497	173149
DLS 6i D5-3+N	5 A	4	1/3	09916498	173156
DLS 6i D6-3+N	6 A	4	1/3	09916499	173163
DLS 6i D8-3+N	8 A	4	1/3	09916500	173170
DLS 6i D10-3+N	10 A	4	1/3	09916501	173187
DLS 6i D13-3+N	13 A	4	1/3	09916502	173194
DLS 6i D16-3+N	16 A	4	1/3	09916503	173200
DLS 6i D20-3+N	20 A	4	1/3	09916504	173217
DLS 6i D25-3+N	25 A	4	1/3	09916505	173224
DLS 6i D32-3+N	32 A	4	1/3	09916506	173231
DLS 6i D40-3+N	40 A	4	1/3	09916507	173248

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA
on Page: 98, 99

6 kA



miniature circuit-breakers DLS 6i, D characteristic, 3-pole+N, 6 kA

for industrial facilities, 6 kA

6000

D-characteristic
3-pole+N

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D50-3+N	50 A	4	1/3	09916508	173255
DLS 6i D63-3+N	63 A	4	1/3	09916509	173262

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS
on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA

miniature circuit-breakers DLS 6i, D-characteristic, 4-pole



for industrial facilities, 10 kA

D-characteristic

4-pole

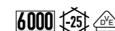
Rated current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D0,3-4	0.3 A	4	1/3	09916518 173279
DLS 6i D0,5-4	0.5 A	4	1/3	09916519 173286
DLS 6i D0,8-4	0.8 A	4	1/3	09916520 173293
DLS 6i D1-4	1 A	4	1/3	09916521 173309
DLS 6i D1,6-4	1.6 A	4	1/3	09916522 173316
DLS 6i D2-4	2 A	4	1/3	09916523 173323
DLS 6i D2,5-4	2.5 A	4	1/3	09916524 173330
DLS 6i D3-4	3 A	4	1/3	09916525 173347
DLS 6i D3,5-4	3.5 A	4	1/3	09916526 173354
DLS 6i D4-4	4 A	4	1/3	09916527 173361
DLS 6i D5-4	5 A	4	1/3	09916528 173378
DLS 6i D6-4	6 A	4	1/3	09916529 173385
DLS 6i D8-4	8 A	4	1/3	09916530 173392
DLS 6i D10-4	10 A	4	1/3	09916531 173408
DLS 6i D13-4	13 A	4	1/3	09916532 173415
DLS 6i D16-4	16 A	4	1/3	09916533 173422
DLS 6i D20-4	20 A	4	1/3	09916534 173439
DLS 6i D25-4	25 A	4	1/3	09916535 173446
DLS 6i D32-4	32 A	4	1/3	09916536 173453
DLS 6i D40-4	40 A	4	1/3	09916537 173460

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

6 kA

miniature circuit-breakers DLS 6i, D-characteristic, 4-pole, 6 kA



for industrial facilities, 6 kA

D-characteristic

4-pole

Rated current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i D50-4	50 A	4	1/3	09916538 173477
DLS 6i D63-4	63 A	4	1/3	09916539 173484

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 1-pole



for industrial facilities, 10 kA

K-characteristic

1-pole

DLS 6i K0,3-1	0.3 A	1	1/12	09916548	173491
DLS 6i K0,5-1	0.5 A	1	1/12	09916549	173507
DLS 6i K0,8-1	0.8 A	1	1/12	09916550	173514
DLS 6i K1-1	1 A	1	1/12	09916551	173521
DLS 6i K1,6-1	1.6 A	1	1/12	09916552	173538
DLS 6i K2-1	2 A	1	1/12	09916553	173545
DLS 6i K2,5-1	2.5 A	1	1/12	09916554	173552
DLS 6i K3-1	3 A	1	1/12	09916555	173569
DLS 6i K3,5-1	3.5 A	1	1/12	09916556	173576
DLS 6i K4-1	4 A	1	1/12	09916557	173583
DLS 6i K5-1	5 A	1	1/12	09916558	173590
DLS 6i K6-1	6 A	1	1/12	09916559	173606
DLS 6i K8-1	8 A	1	1/12	09916560	173613
DLS 6i K10-1	10 A	1	1/12	09916561	173620
DLS 6i K13-1	13 A	1	1/12	09916562	173637
DLS 6i K16-1	16 A	1	1/12	09916563	173644
DLS 6i K20-1	20 A	1	1/12	09916564	173651
DLS 6i K25-1	25 A	1	1/12	09916565	173668
DLS 6i K32-1	32 A	1	1/12	09916566	173675
DLS 6i K40-1	40 A	1	1/12	09916567	173682
DLS 6i K50-1	50 A	1	1/12	09916568	173699
DLS 6i K63-1	63 A	1	1/12	09916569	173705

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 1-pole+N



for industrial facilities, 10 kA

K-characteristic

1-pole+N

DLS 6i K0,3-1+N	0.3 A	2	1/6	09916578	173712
DLS 6i K0,5-1+N	0.5 A	2	1/6	09916579	173729
DLS 6i K0,8-1+N	0.8 A	2	1/6	09916580	173736
DLS 6i K1-1+N	1 A	2	1/6	09916581	173743
DLS 6i K1,6-1+N	1.6 A	2	1/6	09916582	173750
DLS 6i K2-1+N	2 A	2	1/6	09916583	173767
DLS 6i K2,5-1+N	2.5 A	2	1/6	09916584	173774
DLS 6i K3-1+N	3 A	2	1/6	09916585	173781
DLS 6i K3,5-1+N	3.5 A	2	1/6	09916586	173798
DLS 6i K4-1+N	4 A	2	1/6	09916587	173804
DLS 6i K5-1+N	5 A	2	1/6	09916588	173811
DLS 6i K6-1+N	6 A	2	1/6	09916589	173828
DLS 6i K8-1+N	8 A	2	1/6	09916590	173835
DLS 6i K10-1+N	10 A	2	1/6	09916591	173842
DLS 6i K13-1+N	13 A	2	1/6	09916592	173859
DLS 6i K16-1+N	16 A	2	1/6	09916593	173866
DLS 6i K20-1+N	20 A	2	1/6	09916594	173873
DLS 6i K25-1+N	25 A	2	1/6	09916595	173880
DLS 6i K32-1+N	32 A	2	1/6	09916596	173897
DLS 6i K40-1+N	40 A	2	1/6	09916597	173903
DLS 6i K50-1+N	50 A	2	1/6	09916598	173910
DLS 6i K63-1+N	63 A	2	1/6	09916599	173927

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 2-pole



for industrial facilities, 10 kA

K-characteristic

2-pole

Rated current (A)	Mod. width	Pack. units	Article No.	EAN	
DLS 6i K0,3-2	0.3 A	2	1/6	09916608	173934
DLS 6i K0,5-2	0.5 A	2	1/6	09916609	173941
DLS 6i K0,8-2	0.8 A	2	1/6	09916610	173958
DLS 6i K1-2	1 A	2	1/6	09916611	173965
DLS 6i K1,6-2	1.6 A	2	1/6	09916612	173972
DLS 6i K2-2	2 A	2	1/6	09916613	173989
DLS 6i K2,5-2	2.5 A	2	1/6	09916614	173996
DLS 6i K3-2	3 A	2	1/6	09916615	174009
DLS 6i K3,5-2	3.5 A	2	1/6	09916616	174016
DLS 6i K4-2	4 A	2	1/6	09916617	174023
DLS 6i K5-2	5 A	2	1/6	09916618	174030
DLS 6i K6-2	6 A	2	1/6	09916619	174047
DLS 6i K8-2	8 A	2	1/6	09916620	174054
DLS 6i K10-2	10 A	2	1/6	09916621	174061
DLS 6i K13-2	13 A	2	1/6	09916622	174078
DLS 6i K16-2	16 A	2	1/6	09916623	174085
DLS 6i K20-2	20 A	2	1/6	09916624	174092
DLS 6i K25-2	25 A	2	1/6	09916625	174108
DLS 6i K32-2	32 A	2	1/6	09916626	174115
DLS 6i K40-2	40 A	2	1/6	09916627	174122
DLS 6i K50-2	50 A	2	1/6	09916628	174139
DLS 6i K63-2	63 A	2	1/6	09916629	174146

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 3-pole



for industrial facilities, 10 kA

K-characteristic

3-pole

Rated current (A)	Mod. width	Pack. units	Article No.	EAN	
DLS 6i K0,3-3	0.3 A	3	1/4	09916638	174153
DLS 6i K0,5-3	0.5 A	3	1/4	09916639	174160
DLS 6i K0,8-3	0.8 A	3	1/4	09916640	174177
DLS 6i K1-3	1 A	3	1/4	09916641	174184
DLS 6i K1,6-3	1.6 A	3	1/4	09916642	174191
DLS 6i K2-3	2 A	3	1/4	09916643	174207
DLS 6i K2,5-3	2.5 A	3	1/4	09916644	174214
DLS 6i K3-3	3 A	3	1/4	09916645	174221
DLS 6i K3,5-3	3.5 A	3	1/4	09916646	174238
DLS 6i K4-3	4 A	3	1/4	09916647	174245
DLS 6i K5-3	5 A	3	1/4	09916648	174252
DLS 6i K6-3	6 A	3	1/4	09916649	174269
DLS 6i K8-3	8 A	3	1/4	09916650	174276
DLS 6i K10-3	10 A	3	1/4	09916651	174283
DLS 6i K13-3	13 A	3	1/4	09916652	174290
DLS 6i K16-3	16 A	3	1/4	09916653	174306
DLS 6i K20-3	20 A	3	1/4	09916654	174313
DLS 6i K25-3	25 A	3	1/4	09916655	174320
DLS 6i K32-3	32 A	3	1/4	09916656	174337
DLS 6i K40-3	40 A	3	1/4	09916657	174344
DLS 6i K50-3	50 A	3	1/4	09916658	174351
DLS 6i K63-3	63 A	3	1/4	09916659	174368

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 3-pole+N



for industrial facilities, 10 kA

K-characteristic

3-pole+N

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i K0,3-3+N	0.3 A	4	1/3	09916668	174375
DLS 6i K0,5-3+N	0.5 A	4	1/3	09916669	174382
DLS 6i K0,8-3+N	0.8 A	4	1/3	09916670	174399
DLS 6i K1-3+N	1 A	4	1/3	09916671	174405
DLS 6i K1,6-3+N	1.6 A	4	1/3	09916672	174412
DLS 6i K2-3+N	2 A	4	1/3	09916673	174429
DLS 6i K2,5-3+N	2.5 A	4	1/3	09916674	174436
DLS 6i K3-3+N	3 A	4	1/3	09916675	174443
DLS 6i K3,5-3+N	3.5 A	4	1/3	09916676	174450
DLS 6i K4-3+N	4 A	4	1/3	09916677	174467
DLS 6i K5-3+N	5 A	4	1/3	09916678	174474
DLS 6i K6-3+N	6 A	4	1/3	09916679	174481
DLS 6i K8-3+N	8 A	4	1/3	09916680	174498
DLS 6i K10-3+N	10 A	4	1/3	09916681	174504
DLS 6i K13-3+N	13 A	4	1/3	09916682	174511
DLS 6i K16-3+N	16 A	4	1/3	09916683	174528
DLS 6i K20-3+N	20 A	4	1/3	09916684	174535
DLS 6i K25-3+N	25 A	4	1/3	09916685	174542
DLS 6i K32-3+N	32 A	4	1/3	09916686	174559
DLS 6i K40-3+N	40 A	4	1/3	09916687	174566
DLS 6i K50-3+N	50 A	4	1/3	09916688	174573
DLS 6i K63-3+N	63 A	4	1/3	09916689	174580

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

10 kA



miniature circuit-breakers DLS 6i, K-characteristic, 4-pole



for industrial facilities, 10 kA

K-characteristic

4-pole

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i K0,3-4	0.3 A	4	1/3	09916698	174597
DLS 6i K0,5-4	0.5 A	4	1/3	09916699	174603
DLS 6i K0,8-4	0.8 A	4	1/3	09916700	174610
DLS 6i K1-4	1 A	4	1/3	09916701	174627
DLS 6i K1,6-4	1.6 A	4	1/3	09916702	174634
DLS 6i K2-4	2 A	4	1/3	09916703	174641
DLS 6i K2,5-4	2.5 A	4	1/3	09916704	174658
DLS 6i K3-4	3 A	4	1/3	09916705	174665
DLS 6i K3,5-4	3.5 A	4	1/3	09916706	174672
DLS 6i K4-4	4 A	4	1/3	09916707	174689
DLS 6i K5-4	5 A	4	1/3	09916708	174696
DLS 6i K6-4	6 A	4	1/3	09916709	174702
DLS 6i K8-4	8 A	4	1/3	09916710	174719
DLS 6i K10-4	10 A	4	1/3	09916711	174726
DLS 6i K13-4	13 A	4	1/3	09916712	174733
DLS 6i K16-4	16 A	4	1/3	09916713	174740
DLS 6i K20-4	20 A	4	1/3	09916714	174757
DLS 6i K25-4	25 A	4	1/3	09916715	174764
DLS 6i K32-4	32 A	4	1/3	09916716	174771
DLS 6i K40-4	40 A	4	1/3	09916717	174788
DLS 6i K50-4	50 A	4	1/3	09916718	174795
DLS 6i K63-4	63 A	4	1/3	09916719	174801

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, Z-characteristic, 1-pole



for industrial facilities, 10 kA

Z-characteristic

1-pole

DLS 6i Z0,3-1	0.3 A	1	1/12	09916728	174818
DLS 6i Z0,5-1	0.5 A	1	1/12	09916729	174825
DLS 6i Z0,8-1	0.8 A	1	1/12	09916730	174832
DLS 6i Z1-1	1 A	1	1/12	09916731	174849
DLS 6i Z1,6-1	1.6 A	1	1/12	09916732	174856
DLS 6i Z2-1	2 A	1	1/12	09916733	174863
DLS 6i Z2,5-1	2.5 A	1	1/12	09916734	174870
DLS 6i Z3-1	3 A	1	1/12	09916735	174887
DLS 6i Z3,5-1	3.5 A	1	1/12	09916736	174894
DLS 6i Z4-1	4 A	1	1/12	09916737	174900
DLS 6i Z5-1	5 A	1	1/12	09916738	174917
DLS 6i Z6-1	6 A	1	1/12	09916739	174924
DLS 6i Z8-1	8 A	1	1/12	09916740	174931
DLS 6i Z10-1	10 A	1	1/12	09916741	174948
DLS 6i Z13-1	13 A	1	1/12	09916742	174955
DLS 6i Z16-1	16 A	1	1/12	09916743	174962
DLS 6i Z20-1	20 A	1	1/12	09916744	174979
DLS 6i Z25-1	25 A	1	1/12	09916745	174986
DLS 6i Z32-1	32 A	1	1/12	09916746	174993

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

10 kA



miniature circuit-breakers DLS 6i, Z-characteristic, 2-pole



for industrial facilities, 10 kA

Z-characteristic

2-pole

DLS 6i Z0,3-2	0.3 A	2	1/6	09916788	175259
DLS 6i Z0,5-2	0.5 A	2	1/6	09916789	175266
DLS 6i Z0,8-2	0.8 A	2	1/6	09916790	175273
DLS 6i Z1-2	1 A	2	1/6	09916791	175280
DLS 6i Z1,6-2	1.6 A	2	1/6	09916792	175297
DLS 6i Z2-2	2 A	2	1/6	09916793	175303
DLS 6i Z2,5-2	2.5 A	2	1/6	09916794	175310
DLS 6i Z3-2	3 A	2	1/6	09916795	278202
DLS 6i Z3,5-2	3.5 A	2	1/6	09916796	175334
DLS 6i Z4-2	4 A	2	1/6	09916797	175341
DLS 6i Z5-2	5 A	2	1/6	09916798	175358
DLS 6i Z6-2	6 A	2	1/6	09916799	175365
DLS 6i Z8-2	8 A	2	1/6	09916800	175372
DLS 6i Z10-2	10 A	2	1/6	09916801	175389
DLS 6i Z13-2	13 A	2	1/6	09916802	175396
DLS 6i Z16-2	16 A	2	1/6	09916803	175402
DLS 6i Z20-2	20 A	2	1/6	09916804	175419
DLS 6i Z25-2	25 A	2	1/6	09916805	175426
DLS 6i Z32-2	32 A	2	1/6	09916806	175433

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: [98, 99](#)

miniature circuit-breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA



miniature circuit-breakers DLS 6i, Z-characteristic, 3-pole

10000 25

for industrial facilities, 10 kA

Z-characteristic

3-pole

Model	Rated Current (A)	Mod. widths	pack. units	Article No.	EAN
DLS 6i Z0,3-3	0.3 A	3	1/4	09916818	175471
DLS 6i Z0,5-3	0.5 A	3	1/4	09916819	175488
DLS 6i Z0,8-3	0.8 A	3	1/4	09916820	175495
DLS 6i Z1-3	1 A	3	1/4	09916821	175501
DLS 6i Z1,6-3	1.6 A	3	1/4	09916822	175518
DLS 6i Z2-3	2 A	3	1/4	09916823	175525
DLS 6i Z2,5-3	2.5 A	3	1/4	09916824	175532
DLS 6i Z3-3	3 A	3	1/4	09916825	175549
DLS 6i Z3,5-3	3.5 A	3	1/4	09916826	175556
DLS 6i Z4-3	4 A	3	1/4	09916827	175563
DLS 6i Z5-3	5 A	3	1/4	09916828	175570
DLS 6i Z6-3	6 A	3	1/4	09916829	175587
DLS 6i Z8-3	8 A	3	1/4	09916830	175594
DLS 6i Z10-3	10 A	3	1/4	09916831	175600
DLS 6i Z13-3	13 A	3	1/4	09916832	175617
DLS 6i Z16-3	16 A	3	1/4	09916833	175624
DLS 6i Z20-3	20 A	3	1/4	09916834	175631
DLS 6i Z25-3	25 A	3	1/4	09916835	175648
DLS 6i Z32-3	32 A	3	1/4	09916836	175655

Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

6 kA



miniature circuit-breakers DLS 6i, with red housing, 6 kA, 1-pole

6000 25

for industrial facilities, 6 kA

B-characteristic

1-pole

DLS 6i B10-1 RT	10 A	1	1/12	09860100	263307
DLS 6i B16-1 RT	16 A	1	1/12	09860101	250185

C-characteristic

1-pole

DLS 6i C16-1 RT	16 A	1	1/12	09860102	250208
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Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

6 kA



miniature circuit-breakers DLS 6i, with red housing, 6 kA, 3-pole

6000 25

for industrial facilities, 6 kA

B-characteristic

3-pole

DLS 6i B10-3 RT	10 A	NEW	3	1/4	09860130	293267
DLS 6i B16-3 RT	16 A	NEW	3	1/4	09860131	293298

C-characteristic

3-pole

DLS 6i C16-3 RT	16 A	NEW	3	1/4	09860132	293328
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Other rated currents on request.

Accessories: operating current trip DASA, auxiliary switches DHi, trip-indicating auxiliary contact DHi-S, restart locks DEASS, software DBS, documentation, terminal caps KA on Page: 98, 99

Manual Motor Controllers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA



Manual Motor Controllers DLS 8, B-characteristic, 1-pole

certified according to UL 508, 277 V AC



B-characteristic

DLS 8 1B1UM	1 A	1	1/12	09 841 005	982611
DLS 8 1B2UM	2 A	1	1/12	09 841 007	982673
DLS 8 1B6UM	6 A	1	1/12	09 841 013	982857
DLS 8 1B8UM	8 A	1	1/12	09 841 015	982888
DLS 8 1B10UM	10 A	1	1/12	09 841 017	982918
DLS 8 1B13UM	13 A	1	1/12	09 841 019	982970
DLS 8 1B15UM	15 A	1	1/12	09 841 020	983007
DLS 8 1B16UM	16 A	1	1/12	09 841 021	983038
DLS 8 1B20UM	20 A	1	1/12	09 841 022	983069
DLS 8 1B25UM	25 A	1	1/12	09 841 023	983090
DLS 8 1B30UM	30 A	1	1/12	09 841 024	983120
DLS 8 1B40UM	40 A	1	1/12	09 841 027	983212
DLS 8 1B50UM	50 A	1	1/12	09 841 028	983243
DLS 8 1B60UM	60 A	1	1	09 841 029	983274

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

10 kA



Manual Motor Controllers DLS 8, B-characteristic, 2-pole

certified according to UL 508, 277/480 V AC



B-characteristic

DLS 8 2B1UM	1 A	2	1/6	09 842 005	987685
DLS 8 2B2UM	2 A	2	1/6	09 842 007	987746
DLS 8 2B6UM	6 A	2	1/6	09 842 013	987920
DLS 8 2B8UM	8 A	2	1	09 842 015	987951
DLS 8 2B10UM	10 A	2	1/6	09 842 017	987982
DLS 8 2B13UM	13 A	2	1/6	09 842 019	988040
DLS 8 2B15UM	15 A	2	1/6	09 842 020	988071
DLS 8 2B16UM	16 A	2	1/6	09 842 021	988101
DLS 8 2B20UM	20 A	2	1/6	09 842 022	988132
DLS 8 2B25UM	25 A	2	1/6	09 842 023	988163
DLS 8 2B30UM	30 A	2	1/6	09 842 024	988194
DLS 8 2B40UM	40 A	2	1/6	09 842 027	988286
DLS 8 2B50UM	50 A	2	1	09 842 028	988316
DLS 8 2B60UM	60 A	2	1	09 842 029	988347

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

Manual Motor Controllers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Manual Motor Controllers DLS 8, B-characteristic, 3-pole

10000 



certified according to UL 508, 277/480 V AC

B-characteristic

DLS 8 3B1UM	1 A	3	1	09 843 005	992757
DLS 8 3B2UM	2 A	3	1	09 843 007	992818
DLS 8 3B6UM	6 A	3	1	09 843 013	992993
DLS 8 3B8UM	8 A	3	1	09 843 015	993020
DLS 8 3B10UM	10 A	3	1/4	09 843 017	993051
DLS 8 3B13UM	13 A	3	1	09 843 019	993112
DLS 8 3B15UM	15 A	3	1/4	09 843 020	993143
DLS 8 3B16UM	16 A	3	1/4	09 843 021	993174
DLS 8 3B20UM	20 A	3	1	09 843 022	993204
DLS 8 3B25UM	25 A	3	1/4	09 843 023	993235
DLS 8 3B30UM	30 A	3	1/4	09 843 024	993266
DLS 8 3B40UM	40 A	3	1/4	09 843 027	993358
DLS 8 3B50UM	50 A	3	1/4	09 843 028	993389
DLS 8 3B60UM	60 A	3	1/4	09 843 029	993419

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98](#), [99](#)

10 kA

Manual Motor Controllers DLS 8, B-characteristic, 4-pole

10000 



certified according to UL 508, 277/480 V AC

B-characteristic

DLS 8 4B1UM	1 A	4	1	09 844 005	997820
DLS 8 4B2UM	2 A	4	1	09 844 007	997882
DLS 8 4B6UM	6 A	4	1	09 844 013	998063
DLS 8 4B8UM	8 A	4	1	09 844 015	998094
DLS 8 4B10UM	10 A	4	1	09 844 017	998124
DLS 8 4B13UM	13 A	4	1	09 844 019	998186
DLS 8 4B15UM	15 A	4	1	09 844 020	998216
DLS 8 4B16UM	16 A	4	1/3	09 844 021	998247
DLS 8 4B20UM	20 A	4	1	09 844 022	998278
DLS 8 4B25UM	25 A	4	1	09 844 023	998308
DLS 8 4B30UM	30 A	4	1	09 844 024	998339
DLS 8 4B40UM	40 A	4	1	09 844 027	998421
DLS 8 4B50UM	50 A	4	1	09 844 028	998452
DLS 8 4B60UM	60 A	4	1	09 844 029	998483

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98](#), [99](#)

Manual Motor Controllers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA



Manual Motor Controllers DLS 8, C-characteristic, 1-pole

certified according to UL 508, 277 V AC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 8 1C1UM	1 A	1	1/12	09 841 105	983458
DLS 8 1C2UM	2 A	1	1/12	09 841 107	983519
DLS 8 1C6UM	6 A	1	1/12	09 841 113	983694
DLS 8 1C8UM	8 A	1	1/12	09 841 115	983724
DLS 8 1C10UM	10 A	1	1/12	09 841 117	983755
DLS 8 1C13UM	13 A	1	1/12	09 841 119	983816
DLS 8 1C15UM	15 A	1	1/12	09 841 120	983847
DLS 8 1C16UM	16 A	1	1/12	09 841 121	983878
DLS 8 1C20UM	20 A	1	1/12	09 841 122	983908
DLS 8 1C25UM	25 A	1	1/12	09 841 123	983939
DLS 8 1C30UM	30 A	1	1/12	09 841 124	983960
DLS 8 1C40UM	40 A	1	1/12	09 841 127	984059
DLS 8 1C50UM	50 A	1	1/12	09 841 128	984080
DLS 8 1C60UM	60 A	1	1	09 841 129	984110

Accessories: operating current trip DASA 8, auxiliary switches DHI 8, spacers DHDS
on Page: [98, 99](#)

10 kA



Manual Motor Controllers DLS 8 DC, C-characteristic, 2-pole

certified according to UL 508, 277/480 V AC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 8 2C1UM	1 A	2	1/6	09 842 105	988521
DLS 8 2C2UM	2 A	2	1/6	09 842 107	988583
DLS 8 2C6UM	6 A	2	1/6	09 842 113	988767
DLS 8 2C8UM	8 A	2	1/6	09 842 115	988798
DLS 8 2C10UM	10 A	2	1/6	09 842 117	988828
DLS 8 2C13UM	13 A	2	1/6	09 842 119	988880
DLS 8 2C15UM	15 A	2	1/6	09 842 120	988910
DLS 8 2C16UM	16 A	2	1/6	09 842 121	988941
DLS 8 2C20UM	20 A	2	1/6	09 842 122	988972
DLS 8 2C25UM	25 A	2	1/6	09 842 123	989009
DLS 8 2C30UM	30 A	2	1/6	09 842 124	989030
DLS 8 2C40UM	40 A	2	1/6	09 842 127	989122
DLS 8 2C50UM	50 A	2	1/6	09 842 128	989153
DLS 8 2C60UM	60 A	2	1/6	09 842 129	989184

Accessories: operating current trip DASA 8, auxiliary switches DHI 8, spacers DHDS
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Manual Motor Controllers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Manual Motor Controllers DLS 8, C-characteristic, 3-pole

10000 



certified according to UL 508, 277/480 V AC

C-characteristic

DLS 8 3C1UM	1 A	3	1/4	09 843 105	993594
DLS 8 3C2UM	2 A	3	1/4	09 843 107	993655
DLS 8 3C6UM	6 A	3	1/4	09 843 113	993839
DLS 8 3C8UM	8 A	3	1/4	09 843 115	993860
DLS 8 3C10UM	10 A	3	1/4	09 843 117	993891
DLS 8 3C13UM	13 A	3	1/4	09 843 119	993952
DLS 8 3C15UM	15 A	3	1/4	09 843 120	993983
DLS 8 3C16UM	16 A	3	1/4	09 843 121	994010
DLS 8 3C20UM	20 A	3	1/4	09 843 122	994041
DLS 8 3C25UM	25 A	3	1/4	09 843 123	994072
DLS 8 3C30UM	30 A	3	1/4	09 843 124	994102
DLS 8 3C40UM	40 A	3	1/4	09 843 127	994195
DLS 8 3C50UM	50 A	3	1/4	09 843 128	994225
DLS 8 3C60UM	60 A	3	1/4	09 843 129	994256

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

10 kA

Manual Motor Controllers DLS 8, D-characteristic, 1-pole

10000 



certified according to UL 508, 277 V AC

D-characteristic

DLS 8 1D1UM	1 A	1	1/12	09 841 205	984295
DLS 8 1D6UM	6 A	1	1/12	09 841 213	984530
DLS 8 1D8UM	8 A	1	1/12	09 841 215	984561
DLS 8 1D10UM	10 A	1	1/12	09 841 217	984592
DLS 8 1D13UM	13 A	1	1/12	09 841 219	984653
DLS 8 1D15UM	15 A	1	1/12	09 841 220	984684
DLS 8 1D16UM	16 A	1	1/12	09 841 221	984714
DLS 8 1D20UM	20 A	1	1/12	09 841 222	984745
DLS 8 1D25UM	25 A	1	1/12	09 841 223	984776
DLS 8 1D30UM	30 A	1	1/12	09 841 224	984806
DLS 8 1D40UM	40 A	1	1/12	09 841 227	984899
DLS 8 1D50UM	50 A	1	1/12	09 841 228	984929
DLS 8 1D60UM	60 A	1	1	09 841 229	984950

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

Manual Motor Controllers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA

Manual Motor Controllers DLS 8, D-characteristic, 2-pole



certified according to UL 508, 277/480 V AC

D-characteristic

DLS 8 2D1UM	1 A	2	1/6	09 842 205	989368
DLS 8 2D2UM	2 A	2	1/6	09 842 207	989429
DLS 8 2D6UM	6 A	2	1/6	09 842 213	989603
DLS 8 2D8UM	8 A	2	1/6	09 842 215	989634
DLS 8 2D10UM	10 A	2	1/6	09 842 217	989665
DLS 8 2D13UM	13 A	2	1/6	09 842 219	989726
DLS 8 2D15UM	15 A	2	1/6	09 842 220	989757
DLS 8 2D16UM	16 A	2	1/6	09 842 221	989788
DLS 8 2D20UM	20 A	2	1/6	09 842 222	989818
DLS 8 2D25UM	25 A	2	1/6	09 842 223	989849
DLS 8 2D30UM	30 A	2	1/6	09 842 224	989870
DLS 8 2D40UM	40 A	2	1/6	09 842 227	989962
DLS 8 2D50UM	50 A	2	1/6	09 842 228	989993
DLS 8 2D60UM	60 A	2	1/6	09 842 229	990029

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

10 kA

Manual Motor Controllers DLS 8, D-characteristic, 3-pole



certified according to UL 508, 277/480 V AC

D-characteristic

DLS 8 3D1UM	1 A	3	1/4	09 843 205	994430
DLS 8 3D2UM	2 A	3	1/4	09 843 207	994492
DLS 8 3D6UM	6 A	3	1/4	09 843 213	994676
DLS 8 3D8UM	8 A	3	1/4	09 843 215	994706
DLS 8 3D10UM	10 A	3	1/4	09 843 217	994737
DLS 8 3D13UM	13 A	3	1/4	09 843 219	994799
DLS 8 3D15UM	15 A	3	1/4	09 843 220	994829
DLS 8 3D16UM	16 A	3	1/4	09 843 221	994850
DLS 8 3D20UM	20 A	3	1/4	09 843 222	994881
DLS 8 3D25UM	25 A	3	1/4	09 843 223	994911
DLS 8 3D30UM	30 A	3	1/4	09 843 224	994942
DLS 8 3D40UM	40 A	3	1/4	09 843 227	995031
DLS 8 3D50UM	50 A	3	1/4	09 843 228	995062
DLS 8 3D60UM	60 A	3	1/4	09 843 229	995093

Accessories: operating current trip DASA 8, auxiliary switches DHi 8, spacers DHDS
on Page: [98, 99](#)

Listed Circuit Breakers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Listed Circuit Breakers DLS 9 AC, C-characteristic, 1-pole

certified according to UL 489, 277 V AC



10000

C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 1C1UL	1 A	1	1/12	09 821 105	969537
DLS 9 1C2UL	2 A	1	1/12	09 821 107	969599
DLS 9 1C6UL	6 A	1	1/12	09 821 113	969773
DLS 9 1C8UL	8 A	1	1/12	09 821 115	969834
DLS 9 1C10UL	10 A	1	1/12	09 821 117	969896
DLS 9 1C13UL	13 A	1	1/12	09 821 119	969957
DLS 9 1C15UL	15 A	1	1/12	09 821 120	969988
DLS 9 1C16UL	16 A	1	1/12	09 821 121	970014
DLS 9 1C20UL	20 A	1	1/12	09 821 122	970045
DLS 9 1C25UL	25 A	1	1/12	09 821 123	970076
DLS 9 1C30UL	30 A	1	1/12	09 821 124	970106
DLS 9 1C40UL	40 A	1	1/12	09 821 127	970199
DLS 9 1C50UL	50 A	1	1/12	09 821 128	970229
DLS 9 1C60UL	60 A	1	1/12	09 821 129	970250

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)

10 kA

Listed Circuit Breakers DLS 9 AC, C-characteristic, 2-pole

certified according to UL 489, 277/480 V AC



10000

C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 2C1UL	1 A	2	1/6	09 822 105	972148
DLS 9 2C2UL	2 A	2	1/6	09 822 107	972209
DLS 9 2C6UL	6 A	2	1/6	09 822 113	972384
DLS 9 2C10UL	10 A	2	1/6	09 822 117	972506
DLS 9 2C13UL	13 A	2	1/6	09 822 119	972568
DLS 9 2C15UL	15 A	2	1/6	09 822 120	972599
DLS 9 2C16UL	16 A	2	1/6	09 822 121	972629
DLS 9 2C20UL	20 A	2	1/6	09 822 122	972650
DLS 9 2C25UL	25 A	2	1/6	09 822 123	972681
DLS 9 2C30UL	30 A	2	1/6	09 822 124	972711
DLS 9 2C40UL	40 A	2	1/6	09 822 127	972803
DLS 9 2C50UL	50 A	2	1/6	09 822 128	972834
DLS 9 2C60UL	60 A	2	1/6	09 822 129	972865

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)

Listed Circuit Breakers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Listed Circuit Breakers DLS 9 AC, C-characteristic, 3-pole



certified according to UL 489, 277/480 V AC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 3C1UL	1 A	3	1/4	09 823 105	974753
DLS 9 3C2UL	2 A	3	1/4	09 823 107	974814
DLS 9 3C6UL	6 A	3	1/4	09 823 113	974999
DLS 9 3C8UL	8 A	3	1/4	09 823 115	975057
DLS 9 3C10UL	10 A	3	1/4	09 823 117	975118
DLS 9 3C13UL	13 A	3	1/4	09 823 119	975170
DLS 9 3C15UL	15 A	3	1/4	09 823 120	975200
DLS 9 3C16UL	16 A	3	1/4	09 823 121	975231
DLS 9 3C20UL	20 A	3	1/4	09 823 122	975262
DLS 9 3C25UL	25 A	3	1/4	09 823 123	975293
DLS 9 3C30UL	30 A	3	1/4	09 823 124	975323
DLS 9 3C40UL	40 A	3	1/4	09 823 127	975415
DLS 9 3C50UL	50 A	3	1/4	09 823 128	975446
DLS 9 3C60UL	60 A	3	1/4	09 823 129	975477

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: 98, 99

10 kA

Listed Circuit Breakers DLS 9 AC, C-characteristic, 4-pole



certified according to UL 489, 277/480 V AC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 4C1UL	1 A	4	1	09 824 105	977365
DLS 9 4C2UL	2 A	4	1	09 824 107	977426
DLS 9 4C6UL	6 A	4	1	09 824 113	977600
DLS 9 4C8UL	8 A	4	1	09 824 115	977662
DLS 9 4C10UL	10 A	4	1	09 824 117	977723
DLS 9 4C13UL	13 A	4	1	09 824 119	977785
DLS 9 4C15UL	15 A	4	1	09 824 120	977815
DLS 9 4C16UL	16 A	4	1/3	09 824 121	977846
DLS 9 4C20UL	20 A	4	1/3	09 824 122	977877
DLS 9 4C25UL	25 A	4	1	09 824 123	977907
DLS 9 4C30UL	30 A	4	1	09 824 124	977938
DLS 9 4C40UL	40 A	4	1	09 824 127	978027
DLS 9 4C50UL	50 A	4	1	09 824 128	978058
DLS 9 4C60UL	60 A	4	1	09 824 129	978089

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: 98, 99

Listed Circuit Breakers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA



Listed Circuit Breakers DLS 9 AC, D-characteristic, 1-pole



certified according to UL 489, 277 V AC

D-characteristic

Article No.	Rating (A)	Width (mm)	Mod.	Pack. units	Article No.	EAN (4014712...)
09 821 205	1 A	17	1	1/12	09 821 205	970403
09 821 207	2 A	17	1	1/12	09 821 207	970465
09 821 213	6 A	17	1	1/12	09 821 213	970649
09 821 215	8 A	17	1	1/12	09 821 215	970700
09 821 217	10 A	17	1	1/12	09 821 217	970762
09 821 219	13 A	17	1	1/12	09 821 219	970823
09 821 220	15 A	17	1	1/12	09 821 220	970854
09 821 221	16 A	17	1	1/12	09 821 221	970885
09 821 222	20 A	17	1	1/12	09 821 222	970915
09 821 223	25 A	17	1	1/12	09 821 223	970946
09 821 224	30 A	17	1	1/12	09 821 224	970977
09 821 227	40 A	17	1	1/12	09 821 227	971066
09 821 228	50 A	17	1	1/12	09 821 228	971097
09 821 229	60 A	17	1	1	09 821 229	971127

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)

10 kA



Listed Circuit Breakers DLS 9 AC, D-characteristic, 2-pole



certified according to UL 489, 277/480 V AC

D-characteristic

Article No.	Rating (A)	Width (mm)	Mod.	Pack. units	Article No.	EAN (4014712...)
09 822 205	1 A	25	2	1/6	09 822 205	973015
09 822 207	2 A	25	2	1/6	09 822 207	973077
09 822 213	6 A	25	2	1/6	09 822 213	973251
09 822 215	8 A	25	2	1/6	09 822 215	973312
09 822 217	10 A	25	2	1/6	09 822 217	973374
09 822 219	13 A	25	2	1/6	09 822 219	973435
09 822 220	15 A	25	2	1/6	09 822 220	973466
09 822 221	16 A	25	2	1/6	09 822 221	973497
09 822 222	20 A	25	2	1/6	09 822 222	973527
09 822 223	25 A	25	2	1/6	09 822 223	973558
09 822 224	30 A	25	2	1/6	09 822 224	973589
09 822 227	40 A	25	2	1/6	09 822 227	973671
09 822 228	50 A	25	2	1/6	09 822 228	973701
09 822 229	60 A	25	2	1/6	09 822 229	973732

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)

Listed Circuit Breakers (MCB)

mod. widths pack. units Article No. EAN (4014712...)

10 kA

Listed Circuit Breakers DLS 9 AC, D-characteristic, 3-pole

10000 



certified according to UL 489, 277/480 V AC

D-characteristic

DLS 9 3D1UL	1 A	3	1/4	09 823 205	975620
DLS 9 3D2UL	2 A	3	1/4	09 823 207	975682
DLS 9 3D6UL	6 A	3	1/4	09 823 213	975866
DLS 9 3D8UL	8 A	3	1/4	09 823 215	975927
DLS 9 3D10UL	10 A	3	1/4	09 823 217	975989
DLS 9 3D13UL	13 A	3	1/4	09 823 219	976047
DLS 9 3D15UL	15 A	3	1/4	09 823 220	976078
DLS 9 3D16UL	16 A	3	1/4	09 823 221	976108
DLS 9 3D20UL	20 A	3	1/4	09 823 222	976139
DLS 9 3D25UL	25 A	3	1/4	09 823 223	976160
DLS 9 3D30UL	30 A	3	1/4	09 823 224	976191
DLS 9 3D40UL	40 A	3	1/4	09 823 227	976283
DLS 9 3D50UL	50 A	3	1/4	09 823 228	976313
DLS 9 3D60UL	60 A	3	1/4	09 823 229	976344

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98, 99](#)

10 kA

Listed Circuit Breakers DLS 9 AC, D-characteristic, 4-pole

10000 



certified according to UL 489, 277/480 V AC

D-characteristic

DLS 9 4D1UL	1 A	4	1	09 824 205	978232
DLS 9 4D2UL	2 A	4	1	09 824 207	978294
DLS 9 4D6UL	6 A	4	1	09 824 213	978478
DLS 9 4D8UL	8 A	4	1	09 824 215	978539
DLS 9 4D10UL	10 A	4	1	09 824 217	978591
DLS 9 4D13UL	13 A	4	1	09 824 219	978652
DLS 9 4D15UL	15 A	4	1/3	09 824 220	978683
DLS 9 4D16UL	16 A	4	1	09 824 221	978713
DLS 9 4D20UL	20 A	4	1	09 824 222	978744
DLS 9 4D25UL	25 A	4	1	09 824 223	978775
DLS 9 4D30UL	30 A	4	1	09 824 224	978805
DLS 9 4D40UL	40 A	4	1	09 824 227	978898
DLS 9 4D50UL	50 A	4	1	09 824 228	978928
DLS 9 4D60UL	60 A	4	1	09 824 229	978959

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98, 99](#)

Listed Circuit Breakers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Listed Circuit Breakers DLS 9 DC, C-characteristic, 1-pole

certified according to UL 489, 125 V DC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 1C6DL	6 A	1	1/12	09831113	979345
DLS 9 1C8DL	8 A	1	1/12	09831115	979406
DLS 9 1C10DL	10 A	1	1/12	09831117	979468
DLS 9 1C13DL	13 A	1	1	09831119	979529
DLS 9 1C16DL	16 A	1	1/12	09831121	979581
DLS 9 1C20DL	20 A	1	1/12	09831122	979611
DLS 9 1C25DL	25 A	1	1/12	09831123	979642
DLS 9 1C30DL	30 A	1	1/12	09831124	979673
DLS 9 1C40DL	40 A	1	1/12	09831127	979765
DLS 9 1C50DL	50 A	1	1/12	09831128	979796
DLS 9 1C60DL	60 A	1	1/12	09831129	979826

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)



10 kA

Listed Circuit Breakers DLS 9 DC, C-characteristic, 2-pole

certified according to UL 489, 250 V DC



C-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 2C6DL	6 A	2	1/6	09832113	981089
DLS 9 2C8DL	8 A	2	1/6	09832115	981140
DLS 9 2C10DL	10 A	2	1/6	09832117	981201
DLS 9 2C13DL	13 A	2	1/6	09832119	981263
DLS 9 2C16DL	16 A	2	1/6	09832121	981324
DLS 9 2C20DL	20 A	2	1/6	09832122	981355
DLS 9 2C25DL	25 A	2	1/6	09832123	981386
DLS 9 2C30DL	30 A	2	1/6	09832124	981416
DLS 9 2C40DL	40 A	2	1/6	09832127	981508
DLS 9 2C50DL	50 A	2	1/6	09832128	981539
DLS 9 2C60DL	60 A	2	1/6	09832129	981560

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)



10 kA

Listed Circuit Breakers DLS 9 DC, D-characteristic, 1-pole

certified according to UL 489, 125 V DC



D-characteristic

Model	Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 1D6DL	6 A	1	1/12	09831213	980211
DLS 9 1D8DL	8 A	1	1/12	09831215	980273
DLS 9 1D10DL	10 A	1	1/12	09831217	980334
DLS 9 1D13DL	13 A	1	1	09831219	980396
DLS 9 1D16DL	16 A	1	1/12	09831221	980457
DLS 9 1D20DL	20 A	1	1/12	09831222	980488
DLS 9 1D25DL	25 A	1	1/12	09831223	980518
DLS 9 1D30DL	30 A	1	1/12	09831224	980549
DLS 9 1D40DL	40 A	1	1/12	09831227	980631
DLS 9 1D50DL	50 A	1	1/12	09831228	980662
DLS 9 1D60DL	60 A	1	1/12	09831229	980693

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: [98](#), [99](#)



Listed Circuit Breakers (MCB), miniature circuit-breakers (MCB)

mod. pack. Article No. EAN
widths units (4014712...)

10 kA

Listed Circuit Breakers DLS 9 DC, D-characteristic, 2-pole

certified according to UL 489, 250 V DC



D-characteristic

Model	Rated Current (A)	Mod. widths	Pack. units	Article No.	EAN
DLS 9 2D6DL	6 A	2	1/6	09 832 213	981959
DLS 9 2D8DL	8 A	2	1/6	09 832 215	982017
DLS 9 2D10DL	10 A	2	1/6	09 832 217	982079
DLS 9 2D13DL	13 A	2	1/6	09 832 219	982130
DLS 9 2D16DL	16 A	2	1	09 832 221	982192
DLS 9 2D20DL	20 A	2	1/6	09 832 222	982222
DLS 9 2D25DL	25 A	2	1/6	09 832 223	982253
DLS 9 2D30DL	30 A	2	1/6	09 832 224	982284
DLS 9 2D40DL	40 A	2	1/6	09 832 227	982376
DLS 9 2D50DL	50 A	2	1/6	09 832 228	982406
DLS 9 2D60DL	60 A	2	1/6	09 832 229	982437

Accessories: operating current trip DASA 9, auxiliary switches DHi 9, spacers DHDS
on Page: 98, 99

miniature circuit-breakers DMCB 2

for industrial facilities, up to 25 kA



C-characteristic

1-pole

Model	Rated Current (A)	Rated Breaking Capacity (kA)	Mod. widths	Pack. units	Article No.	EAN
DMCB 2 C080-1	80 A	20 kA	1.5	1/12	09 915 070	225602
DMCB 2 C100-1	100 A	20 kA	1.5	1/12	09 915 071	225619
DMCB 2 C125-1	125 A	15 kA	1.5	1/12	09 915 072	225626

2-pole

DMCB 2 C080-2	80 A	20 kA	3	1/6	09 915 073	225633
DMCB 2 C100-2	100 A	20 kA	3	1/6	09 915 074	225640
DMCB 2 C125-2	125 A	15 kA	3	1/6	09 915 075	225657

3-pole

DMCB 2 C063-3	63 A	25 kA	4.5	1/4	09 915 076	225664
DMCB 2 C080-3	80 A	20 kA	4.5	1/4	09 915 077	225671
DMCB 2 C100-3	100 A	20 kA	4.5	1/4	09 915 078	225688
DMCB 2 C125-3	125 A	15 kA	4.5	1/4	09 915 079	225695

3-pole+N

DMCB 2 C080-3N	80 A	20 kA	6	1/3	09 915 083	225732
DMCB 2 C100-3N	100 A	20 kA	6	1/3	09 915 084	225749
DMCB 2 C125-3N	125 A	15 kA	6	1/3	09 915 085	225756

4-pole

DMCB 2 C080-4	80 A	20 kA	6	1/3	09 915 080	225701
DMCB 2 C100-4	100 A	20 kA	6	1/3	09 915 081	225718
DMCB 2 C125-4	125 A	15 kA	6	1/3	09 915 082	225725

Accessories: operating current trip DMCB 2 ASA, auxiliary switches DMCB 2 Hi
on Page: 98, 99

miniature circuit-breakers (MCB), accessories (MCB)

mod. widths pack. units Article No. EAN (4014712...)

6 kA



miniature circuit-breakers ELS 3

compact design, 6 kA

B-characteristic

1-pole+N

ELS 3 B06/1+N	6 A	1	1	09 915 021	137363
ELS 3 B10/1+N	10 A	1	1	09 915 022	137370
ELS 3 B13/1+N	13 A	1	1	09 915 023	137387
ELS 3 B16/1+N	16 A	1	1	09 915 024	137394
ELS 3 B20/1+N	20 A	1	1	09 915 025	137400
ELS 3 B25/1+N	25 A	1	1	09 915 026	137417
ELS 3 B32/1+N	32 A	1	1	09 915 027	137424
ELS 3 B40/1+N	40 A	1	1	09 915 028	137769

C-characteristic

1-pole+N

ELS 3 C02/1+N	2 A	1	1	09 915 029	137721
ELS 3 C04/1+N	4 A	1	1	09 915 030	137653
ELS 3 C06/1+N	6 A	1	1	09 915 031	137431
ELS 3 C10/1+N	10 A	1	1	09 915 032	137677
ELS 3 C13/1+N	13 A	1	1	09 915 033	137455
ELS 3 C16/1+N	16 A	1	1	09 915 034	137684
ELS 3 C20/1+N	20 A	1	1	09 915 035	137707
ELS 3 C25/1+N	25 A	1	1	09 915 036	137486
ELS 3 C32/1+N	32 A	1	1	09 915 037	137493
ELS 3 C40/1+N	40 A	1	1	09 915 038	137776

Accessories: restart locks RH-SPE, auxiliary switches Hi on Page: [98, 99](#)

Accessories

restart locks DEASS/RH-SPE/WES

Equipment which prevents the unintentional activation of switching devices, e.g. during maintenance work.



DEASS	for DLS 6	1		09 917 983	197268
RH-SPE	for RH/AFDD/DRCBO 3/ELS 3	1		09 981 115	252677

Accessories

terminal caps KA/RH-KA/KA-DMS

for DLS 6 miniature circuit-breakers and series RH main switches



KA-DLS/RH		1		09 913 997	067356
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Accessories

operating current trip DASA

for DLS 6 / for DLS 6 and DMCB 2



DASA 12	12V	1	1	09 917 992	197350
DASA 230	110 V ... 230 V	1	1	09 917 995	197381
DASA 24	24V	1	1	09 917 993	197367
DASA 48	48 V ... 74 V	1	1	09 917 994	197374
DASA 8 FA110UM	240 V, 415 V	1	1	09 200 093	957329
DASA 8 FA12UM	12V	1	1	09 200 090	957237
DASA 8 FA24UM	24V	1	1	09 200 091	957268
DASA 8 FA48UM	48V	1	1	09 200 092	957299
DASA 9 FA110UL	277V	1	1	09 200 113	957565
DASA 9 FA12UL	12V	1	1	09 200 110	957473
DASA 9 FA24UL	24V	1	1	09 200 111	957503
DASA 9 FA48UL	48V	1	1	09 200 112	957534
DMCB 2 ASA 1	230V	1.5	1	09 915 087	225770

accessories (MCB)

			mod. widths	pack. units	Article No.	EAN (4014712...)
	Accessories trip-indicating auxiliary contact DHi-S					
	<i>for DLS 6</i>					
	DHi-S10	1 CO	0.5	1	09 917 990	197336
	DHi-S11	2 CO	0.5	1	09 917 991	197343
	Accessories software DBS					
	<i>for DFS 2, DFS 4 and DLS 6</i>					
	DBS V2			1	09 917 979	249028
download free-of-charge online at www.doepke.de						
	Accessories documentation sheets of labels (printable)					
	Label sheets DLS 6, A4, pre-perforated					
					59 001 88B	
	Accessories spacers DHDS					
	<i>for relays and installation contactors</i>					
	DHDS		0.5	1	09 860 401	250888
	Accessories auxiliary switches					
	<i>Auxiliary switches report the status of the main devices to which they are fitted.</i>					
	for DLS 6					
	DHi 3	1 NO	0.5	1	09 917 984	197275
	DHi 4	1 NC/1 NO	0.5	1	09 917 985	197282
	DHi 5	2 NC/1 NO	0.5	1	09 917 986	197299
	DHi 6	1 NC/2 NO	0.5	1	09 917 987	197305
	DHi 7	1 CO	0.5	1	09 917 988	197312
	DHi 8	2 CO	0.5	1	09 917 989	197329
	for DLS 8					
	DHi 8 H10UM	1 NO	0.5	1	09 200 080	957145
	DHi 8 H11UM	1 NC/1 NO	0.5	1	09 200 081	957176
	DHi 8 H12UM	2 NC/1 NO	0.5	1	09 200 082	982468
	DHi 8 H21UM	1 NC/2 NO	0.5	1	09 200 083	957206
	for DLS 9					
	DHi 9 H10UL	1 NO	0.5	1	09 200 100	957350
	DHi 9 H11UL	1 NC/1 NO	0.5	1	09 200 101	957381
	DHi 9 H12UL	2 NC/1 NO	0.5	1	09 200 102	957411
	DHi 9 H21UL	1 NC/2 NO	0.5	1	09 200 103	957442
	for DMCB 2					
	DMCB 2 Hi 1	1 NC/1 NO	0.5	1	09 915 086	225763
	for ELS 3					
	Hi 11	1 NC/1 NO	0.5	1	09 950 012	130081

automatic reclosing devices (ARD)

mod. pack. Article No. EAN
widths units (4014712...)

automatic reclosing devices DFA 2



remote actuation for residual current circuit-breakers of series DFS 2 and DFS 4

for RCCB up to 63 A

DFA 2-1	24 V AC/DC, switch-on attempts: 1	4	1	09100112	208339
DFA 2-2	24 V AC/DC, switch-on attempts: 1 or 3	4	1	09100113	208346
DFA 2-4	230 V AC, switch-on attempts: 1 or 3	4	1	09100115	211803

for RCCB up to 125 A

DFA 2	24 V AC/DC, switch-on attempts: 1	4	1	09100110	205598
DFA 2-3	230 V AC, switch-on attempts: 1 or 3	4	1	09100114	208445

DFA 2-3/2-4: Resistance cable DFA 2-RC is required for remote tripping with rated residual current $I_{\Delta n}$ of the connected residual current circuit-breaker.

Accessories: doorbell transformers RK, cables DFA 2-RC
on Page: [100](#)

automatic reclosing devices DFA 3



compact remote actuation for residual current circuit-breakers in series DFS 2 and DFS 4

for RCCB up to 125 A

DFA 3 012DC-0	12 V DC, switch-on attempts: 0	1	1	09100140	240933
DFA 3 012DC-3	12 V DC, switch-on attempts: 3	1	1	09100142	240957
DFA 3 024DC-0	24 V DC, switch-on attempts: 0	1	1	09100141	240940
DFA 3 024DC-3	24 V DC, switch-on attempts: 3	1	1	09100143	240964

Accessories

doorbell transformers RK

for converting the mains voltage 230 V into SELV



RK 24	8/12/24 V; 2/1.3/0.6 A, switchable primary voltage 230 V AC/50 Hz	2	1	09980654	118720
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Accessories

cables DFA 2-RC

assembled cable harness for test button function DFA 2-3 and DFA 2-4



DFA 2 - RC 030	30 mA	1		09100150	213890
DFA 2 - RC 100	100 mA	1		09100151	213906
DFA 2 - RC 300	300 mA	1		09100152	213913

for DFA 2-3 and DFA 2-4

wiring components

mod. widths pack. units Article No. EAN (4014712...)

wiring components RCCB/MCB busbars

busbars for residual current operated and miniature circuit-breakers, Eurovario system



1-pole, 10 mm²

EV-S G 1+Hi.2.70	(L1-Hi) x 2	2.5	1	09920164	045538
EV-S G 1+Hi.6.70	(L1-Hi) x 6	8.5	1	09920165	045545
EV-S G 1+Hi.8.70	(L1-Hi) x 8	11.5	1	09920166	045552
EV-S G 1.12.70	L1 x 12	12	1	09920111	021518
EV-S G 1.2.70	L1 x 2	2	1	09920158	021495
EV-S G 1.3.70	L1 x 3	3	1	09920112	118959
EV-S G 1.4.70	L1 x 4	4	1	09920126	123861
EV-S G 1.6.70	L1 x 6	6	1	09920110	021501

2-pole, 10 mm²

EV-S G 2+Hi.10.120	(L1, L2/N-Hi) x 5	12	1	09920174	045736
EV-S G 2+Hi.4.120	(L1, L2/N-Hi) x 2	4.5	1	09920172	045712
EV-S G 2+Hi.6.120	(L1, L2/N-Hi) x 3	7	1	09920173	045729
EV-S G 2.12.120	(L1, L2/N) x 6	12	1	09920115	021563
EV-S G 2.4.120	(L1, L2/N) x 2	4	1	09920171	045675
EV-S G 2.6.120	(L1, L2/N) x 3	6	1	09920114	021556
EV-S G 2.8.120	(L1, L2/N) x 4	8	1	09920303	134584

3-pole, 10 mm²

with recess N right

EV-S G 3/N.5.120	L1, L2, L3-N + L2, L3, L1, L2, L3	9	1	09920184	045972
EV-S G 3/N.6.120	L1, L2, L3-N+L1, L2, L3, L1, L2, L3	10	1	09920325	274273
EV-S G 3/N.8.120	L1, L2, L3-N + L2, L3 + (L1, L2, L3) x 2	12	1	09920185	045989

without recess

EV-S G 3+Hi.12.120	(L1, L2, L3-Hi) x 4	13.5	1	09920177	045828
EV-S G 3+Hi.6.120	(L1, L2, L3-Hi) x 2	6.5	1	09920176	045811
EV-S G 3.1+Hi.6.120	L1-Hi, L2-Hi, L3-Hi) x 2	8.5	1	09920178	045835
EV-S G 3.1+Hi.8.120	(L1-Hi, L2-Hi, L3-Hi) x 2 + L1-Hi, L2-Hi	11.5	1	09920179	045842
EV-S G 3.11.120	(L1, L2, L3) x 3 + L1, L2	11	1	09920190	103528
EV-S G 3.12.120	(L1, L2, L3) x 4	12	1	09920119	021600
EV-S G 3.16.120	(L1, L2, L3) x 5 + L1	16	1	09920187	077829
EV-S G 3.6.120	(L1, L2, L3) x 2	6	1	09920118	021594
EV-S G 3.8.120	(L1, L2, L3) x 2 + L1, L2	8	1	09920302	134577
EV-S G 3.9.120	(L1, L2, L3) x 3	9	1	09920175	045781

4-pole, 10 mm²

EV-S G 3.1+N.12.120	(L1+N, L2+N, L3+N) x 2	12	1	09920182	045958
EV-S G 3.1+N.18.120	(L1+N, L2+N, L3+N) x 3	18	1	09920183	045965
EV-S G 4.12.120	(L1, L2, L3, N) x 3	12	1	09920123	021648
EV-S G 4.12.120 L	(N, L1, L2, L3) x 3	12	1	09920125	123816
EV-S G 4.8.120	(L1, L2, L3, N) x 2	8	1	09920122	021631

4-pole, 16 mm²

EV-S G 4+S.14.16	(L1, L2, L3, N, S) x 3	14	1	09920317	211551
EV-S G 4+S.9.16	(L1, L2, L3, N, S) x 2	9	1	09920316	211544

For the combination 4-pole with auxiliary switch, the DRCBO 4 busbars can be used. Explanation: Hi for a gap of 0.5 MW, S for a gap of 1 MW.

Accessories: protective cover caps, input terminals AS, feed-in terminal blocks ES
on Page: 103

wiring components

mod. widths pack. units Article No. EAN (4014712...)

wiring components RCCB/MCB busbars that can be cut to length

busbars (1000 mm), can be cut to length, for residual current operated and miniature circuit-breakers



1-pole

GM.1.57.10/90°iso	10 mm ² , L1	SELLOUT	56	1	09920150	015289
GM.1.57.16/90°iso	16 mm ² , L1		56	1	09920313	149618

2-pole

GM.2.56.100/10	10 mm ² , L1, L2	SELLOUT	56	1	09920301	134560
GM.2.56.130/16	16 mm ² , L1, L2		56	1	09920311	145092

3-pole

GM.3.57.100/10	10 mm ² , L1, L2, L3		57	1	09920300	134553
GM.3.57.130/16	16 mm ² , L1, L2, L3		57	1	09920312	145108

4-pole

GM.4.54.100/10/N	10 mm ² , L1+N, L2+N, L3+N	SELLOUT	54	1	09920310	145085
GM.4.54.130/16/N	16 mm ² , L1+N, L2+N, L3+N		54	1	09920304	137097
GM.4.56.100/10	10 mm ² , L1, L2, L3, N	SELLOUT	56	1	09920314	160378
GM.4.56.130/16	16 mm ² , L1, L2, L3, N		56	1	09920315	160385

Accessories: protective cover caps, end caps EK, input terminals AS, feed-in terminal blocks ES
on Page: [103](#), [104](#)

wiring components adapter busbars

connection rails for residual current operated and miniature circuit-breakers for power supply from above



3-pole

EV-S G ANL	16 mm ² , (L1, L2, L3) x 2		6	1	09920127	200692
EV-S G ANR	16 mm ² , L1, L2, L3, (N), L1, L2, L3		7	1	09920128	200708

Accessories: protective cover caps, input terminals AS, feed-in terminal blocks ES
on Page: [103](#)

wiring components DRCBO 4-busbars

for RCBOs DRCBO 4 type B/B+ (Switch 2,5 or 4,5 MW wide)



2-pole

BG2.5.10	fork, 10 mm ² , 5 x (L, N)		12	1	09920151	269712
BG2.5.16	fork, 16 mm ² , 5 x (L, N)		12	1	09920152	269729

4-pole

BG4.2.10	fork, 10 mm ² , L1, L2, L3, N, L1, L2, L3, N		8.5	1	09920157	269774
BG4.2.16	fork, 16 mm ² , L1, L2, L3, N, L1, L2, L3, N		8.5	1	09920159	269781
BG4.3.10	fork, 10 mm ² , 3 x (L1, L2, L3, N)		13	1	09920155	269750
BG4.3.16	fork, 16 mm ² , 3 x (L1, L2, L3, N)		13	1	09920156	269767
BG4.5.10	fork, 10 mm ² , L1, N, L2, N (L3), N, L1, N, L2, N		12	1	09920153	269736
BG4.5.16	fork, 16 mm ² , L1, N, L2, N (L3), N, L1, N, L2, N		12	1	09920154	269743

Accessories: protective cover caps, input terminals AS, feed-in terminal blocks ES
on Page: [103](#)

wiring components row connection bars



3-pole

RVS 3.125.120	Mounting rail distance 125 mm		3	1	09920286	076006
RVS 3.150.120	Mounting rail distance 150 mm		3	1	09920287	076013

wiring components, accessories (wiring)

mod. widths pack. units Article No. EAN (4014712...)

wiring components D0 busbars

busbars, can be cut to length, Do fuse-switch-disconnector Tytan/Coron



1-pole

B G037-1-25/120 D0	fork, 1 x 25 mm ² , L1	SELLOUT	37	1	09980143	049031
B G037-1-35/125 D0 iso	pin, 1 x 35 mm ² , L1		37	1	09980095	075955
B S037-1-16/080 D0	pin, 1 x 16 mm ² , L1		37	1	09980141	049017

2-pole

B S039-2-35/125 D0	pin, 2 x 35 mm ² , L1, L2		38	1	09980096	075962
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3-pole

B S039-3-16/080 D0	pin, 3 x 16 mm ² , L1, L2, L3		39	1	09980142	049024
B S039-3-25/120 D0	pin, 3 x 25 mm ² , L1, L2, L3	SELLOUT	39	1	09980145	049055
B S039-3-35/125 D0	pin, 3 x 35 mm ² , L1, L2, L3		39	1	09980097	075979

4-pole

B S039-4-16/080 D0	pin, 4 x 16 mm ² , L1, L2, L3, N		36	1	09980093	063105
B S039-4-35/125 D0	pin, 4 x 35 mm ² , L1, L2, L3, N		36	1	09980098	075986

Accessories: end caps EK, input terminals AS, feed-in terminal blocks ES
on Page: [103](#), [104](#)

wiring components DAFDD busbars

for DAFDD arc fault detection devices

2-pole, fork, 10 mm²



fork

B G12TE-1/N/S-10	(L, N, S) x 4		12	1	09920130	239500
B G60TE-1/N/S-10	(L, N, S) x 20		60	1	09920131	239531

4-pole, fork, 10 mm²

fork

B G12TE-3/N/S-10	L1, N, S, L2, N, S, L3, N, S, L1, N, S		12	1	09920132	240551
B G60TE-3/N/S-10	L1, N, S, L2, N, S, L3, N, S, L1, ...		60	1	09920133	239524

60 MW bar, can be cut to length; you will find a selection aid with common busbars in the information section on page xx.

Accessories: protective cover caps, input terminals AS, feed-in terminal blocks ES, end caps EK
on Page: [103](#), [104](#)

Accessories

feed-in terminal blocks ES



feed-in terminal blocks for busbars

ES/50 G/S	mountable side-by-side, up to 50 mm ²		1		09920090	284869
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Accessories

input terminals AS



MCB-input terminals 6-25 mm²

AS 25-Gi	fork design		1		09920104	015449
AS 25-SLi	pin design, long		1		09920186	046061
AS 25-Si	pin design		1		09920087	021679

Accessories

protective cover caps EV-S BS



to cover free connections for Eurovario busbars

EV-S BS	thermoplastic, yellow		1		09920160	021686
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fuse-switch-disconnector

mod. widths pack. units Article No. EAN (4014712...)

Accessories

end caps EK



for busbars which can be cut to length

EK-1/10/16	1-pole, for busbars 10/16 mm ²		1	09920097	202603
EK-1/25/35	1-pole, for busbars 25/35 mm ²		1	09920096	202597
EK-2/10	2-pole, for busbars 10 mm ²	SELLOUT	1	09920093	270404
EK-2/3/10/16	for 3-pole busbar (10/16 mm ²), 2-pole (16 mm ²)		1	09920098	015425
EK-2/3/35	two-, 3-pole, for busbars 35 mm ²		1	09920094	202573
EK-2/3/4/25	two-, three-, 4-pole, for busbars 25 mm ²		1	09920095	202580
EK-3/10/16	3-pole, for busbars GM.3.57...10/16 mm ²		1	09920103	249929
EK-4/10/16	4-pole, for busbars 10/16 mm ²		1	09920102	015432

fuse-switch-disconnector Tytan



with fitted cartridges in the colour corresponding to the rated current and fuse plug, without fuse

electronic

1-pole

Tytan II D0-63-1/E	63 A, copper		1.5	1	09980169	278585
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3-pole

Tytan II D0-63-3/E	63 A, copper		4.5	1	09980100	112223
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mechanical

1-pole

Tytan II D0-04-1/S	4 A, brown	SELLOUT	1.5	1	09980386	123113
Tytan II D0-20-1/S	20 A, blue	SELLOUT	1.5	1	09980390	123151
Tytan II D0-50-1/S	50 A, white	SELLOUT	1.5	1	09980380	089617
Tytan II D0-63-1/S	63 A, copper	SELLOUT	1.5	1	09980086	063112

3-pole

Tytan II D0-35-3/S	35 A, black	SELLOUT	4.5	1	09980383	118638
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Accessories: fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK
on Page: [105](#), [106](#)

fuse-switch-disconnector Tytan with monitoring (empty housing)



with safety monitoring (LED and relay contacts: 1NO, 1CO), with fitted cartridges up to 63 A, without fuse plug and fuse



Tytan II D0-63-1+N/M			4.5	1	09980091	063167
Tytan II D0-63-1/M			3	1	09980088	063136
Tytan II D0-63-2/M			4.5	1	09980089	063143
Tytan II D0-63-3+N/M			7.5	1	09980092	063174
Tytan II D0-63-3/M			6	1	09980090	063150

Accessories: fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK
on Page: [105](#), [106](#)

fuse-switch-disconnector Tytan lockable (empty housing)



lockable empty housing with fitted cartridge up to 63 A, without fuse plug and fuse



Tytan II D0-63-3+N/V			6	1	09980107	048676
Tytan II D0-63-3/V			4.5	1	09980106	048669

Accessories: fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK
on Page: [105](#), [106](#)

fuse-switch-disconnector, accessories (fuse-switch-disconnector)

mod. widths pack. units Article No. EAN (4014712...)

fuse-switch-disconnector Tytan (for track mounting)



empty housing with 40-mm adapter for track mounting with fitted cartridge up to 63 A, without fuse plug and fuse



Tytan II D0-63-3/B	SELLOUT	4.5	1	09 980 400	160460
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Accessories: fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK on Page: 105, 106

fuse-switch-disconnector Tytan (empty housing)



empty housing with fitted cartridge up to 63 A, without fuse plug and fuse



Tytan II D0-63-1		1.5	1	09 980 101	048614
Tytan II D0-63-1+N		3	1	09 980 104	048645
Tytan II D0-63-2		3	1	09 980 102	048621
Tytan II D0-63-3		4.5	1	09 980 103	048638
Tytan II D0-63-3+N		6	1	09 980 105	048652

Accessories: fuse plug sets DSE, restart locks Tytan WES, wiring components Do busbar can be cut to length, input terminals DK on Page: 105, 106

fuse-switch-disconnector Coron 2



screwcap-less plug-in technology with fuse plug and flashing indicator for conventional fitted sleeves, without fuse



Coron 2 63-1	60 V ... 230 V (AC)	SELLOUT	1.5	1	09 980 671	132122
Coron 2 63-2	60 V ... 400 V (AC)	SELLOUT	3	1	09 980 672	132139
Coron 2 63-3	60 V ... 400 V (AC)	SELLOUT	4.5	1	09 980 673	132146
Coron 2 D0-63-1	50 V ... 230 V (AC) / 50 V ... 110 V (DC)		1.5	1	09 980 661	291003
Coron 2 D0-63-2	50 V ... 400 V (AC) / 50 V ... 220 V (DC)		3	1	09 980 662	291010
Coron 2 D0-63-3	50 V ... 400 V (AC) / 50 V ... 220 V (DC)		4.5	1	09 980 663	291027

Accessories: wiring components Do busbar can be cut to length, retaining springs Coron, mounting tools Coron, input terminals DK on Page: 105, 106

Accessories

wiring components D0 busbars



busbars, can be cut to length, Do fuse-switch-disconnector Tytan/Coron

B G037-1-25/120 D0	fork, 1 x 25 mm ² , L1	SELLOUT	37	1	09 980 143	049031
B G037-1-35/125 D0 iso	pin, 1 x 35 mm ² , L1		37	1	09 980 095	075955
B S037-1-16/080 D0	pin, 1 x 16 mm ² , L1		37	1	09 980 141	049017
B S039-2-35/125 D0	pin, 2 x 35 mm ² , L1, L2		38	1	09 980 096	075962
B S039-3-16/080 D0	pin, 3 x 16 mm ² , L1, L2, L3		39	1	09 980 142	049024
B S039-3-25/120 D0	pin, 3 x 25 mm ² , L1, L2, L3	SELLOUT	39	1	09 980 145	049055
B S039-3-35/125 D0	pin, 3 x 35 mm ² , L1, L2, L3		39	1	09 980 097	075979
B S039-4-16/080 D0	pin, 4 x 16 mm ² , L1, L2, L3, N		36	1	09 980 093	063105
B S039-4-35/125 D0	pin, 4 x 35 mm ² , L1, L2, L3, N		36	1	09 980 098	075986

Accessories

retaining springs, mounting tools Coron 2



for using D01 fuses

Coron 2 HF	Quantity: 1	SELLOUT	1	09 980 674	132153
Coron D01 HF	Quantity: 12 pcs incl. reserve box		1	09 980 675	292147

Accessories

input terminals DK



for looping through supply line

DK D0			1	09 980 140	049000
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permissible connector cross-section 1.5 mm² - 35 mm²

accessories (fuse-switch-disconnector)

mod. pack. Article No. EAN
widths units (4014712...)

Accessories

fuse plug sets DSE D0



electronic display, 50 - 400 V AC / 50 - 250 V DC

DSE D0-01	1 A, orange		1	09980676	276826
DSE D0-02	2 A, pink		1	09980677	276840
DSE D0-04	4 A, brown		1	09980678	276864
DSE D0-06	6 A, green		1	09980679	276888
DSE D0-10	10 A, red		1	09980680	276901
DSE D0-13	13 A, black		1	09980681	276925
DSE D0-16	16 A, grey		1	09980682	276949
DSE D0-20	20 A, blue		1	09980683	276963
DSE D0-25	25 A, yellow		1	09980684	276987
DSE D0-32	32 A, purple		1	09980685	277007
DSE D0-35	35 A, black		1	09980686	277021
DSE D0-40	40 A, green		1	09980687	277045
DSE D0-50	50 A, white		1	09980688	277069
DSE D0-63	63 A, copper		1	09980689	277083

contents of the Tytan fuse plug sets: 3 fuse plugs, 3 fitted cartridges, 3 fuses

Accessories

fuse plug sets DSE D02 EI



electronic display, 230/400 V AC

DSE D02-01 EI	1 A, purple	SELLOUT	1	09980109	048690
DSE D02-02 EI	2 A, pink	SELLOUT	1	09980110	048706
DSE D02-50 EI	50 A, white	SELLOUT	1	09980118	048782

contents of the Tytan fuse plug sets: 3 fuse plugs, 3 fitted cartridges, 3 fuses

Accessories

fuse plug sets DSE D02 MI



mechanical display, 230/400 V AC

DSE D02-02 MI	2 A, pink	SELLOUT	1	09980120	048805
DSE D02-04 MI	4 A, brown	SELLOUT	1	09980121	048812
DSE D02-63 MI	63 A, copper	SELLOUT	1	09980129	048898

standard series 230/400 V, 3 plugs, 3 fitted cartridges, 3 fuses, 1 box, for mounting the Tytan fuse-switch-disconnector

Accessories

restart locks Tytan locks



Tytan II D0 WES-K-bl	blue	SELLOUT	3	1	09980136	048966
Tytan II D0 WES-K-ge	yellow		3	1	09980138	048980
Tytan II D0 WES-K-gn	green	SELLOUT	3	1	09980137	048973
Tytan II D0 WES-K-rt	red		3	1	09980139	048997
Tytan II D0 WES-K-sw	black		3	1	09980135	048959
Tytan II D0 WES-M-bl	blue, 5A4	SELLOUT	3	1	09980131	048911
Tytan II D0 WES-M-ge	yellow, 5A1		3	1	09980134	048942
Tytan II D0 WES-M-gn	green, 5A3	SELLOUT	3	1	09980132	048928
Tytan II D0 WES-M-rt	red, 5A2		3	1	09980133	048935
Tytan II D0 WES-M-sw	black, 5A5		3	1	09980130	048904

K = plastic, M = metal

switch-disconnectors

mod. widths pack. units Article No. EAN (4014712...)

switch-disconnectors DHS 2, 2-pole

10000



The DHS switch-disconnectors are used as main switches for connected circuit distribution boards.

63 A

DHS 2-063	2	1	09 900 005	129665
-----------	---	---	----------------------------	--------

80 A

DHS 2-080	2	1	09 900 006	129788
-----------	---	---	----------------------------	--------

100 A

DHS 2-100	2	1	09 900 001	111479
-----------	---	---	----------------------------	--------

125 A

DHS 2-125	2	1	09 900 002	111493
-----------	---	---	----------------------------	--------

Neutral conductor position left or right.

Accessories: software DBS, terminal caps KA, auxiliary switches DHi, restart locks DFS WES, automatic reclosing devices DFA
on Page: [111](#)

switch-disconnectors DHS 4, 4-pole

10000



The DHS switch-disconnectors are used as main switches for connected circuit distribution boards.

63 A

DHS 4-063	4	1	09 900 007	129764
-----------	---	---	----------------------------	--------

80 A

DHS 4-080	4	1	09 900 008	129801
-----------	---	---	----------------------------	--------

100 A

DHS 4-100	4	1	09 900 003	111516
-----------	---	---	----------------------------	--------

125 A

DHS 4-125	4	1	09 900 004	111530
-----------	---	---	----------------------------	--------

Neutral conductor position left, also available as N-right at no extra cost.

Accessories: software DBS, terminal caps KA, auxiliary switches DHi, restart locks DFS WES, automatic reclosing devices DFA
on Page: [111](#)

switch-disconnectors DHS 4 NA

10000 (+)



compact switches to isolate the supply for system parts emergency switching-off function

63 A

DHS 4-063 NA	4-pole	4.5	1	09 900 009	233799
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125 A

DHS 4-125 NA	4-pole	4.5	1	09 900 012	236547
--------------	--------	-----	---	----------------------------	--------

EMERGENCY-OFF circuit is supplied from the DHS, secure against wire breakage, does not trip in the event of network failure, has 1 change-over contact

Neutral conductor position left.

Accessories: software DBS, terminal caps KA, restart locks DFS WES
on Page: [111](#)

switch-disconnectors DHS 4 FANA

10000 (+)



compact switches to isolate the supply for system parts with emergency switching-off function and remote actuator

63 A

DHS 4-063 FANA24DC	4-pole	5	1	09 900 017	279445
--------------------	--------	---	---	----------------------------	--------

125 A

DHS 4-125 FANA24DC	4-pole	5	1	09 900 018	280335
--------------------	--------	---	---	----------------------------	--------

EMERGENCY-OFF circuit is supplied from the DHS, secure against wire breakage, does not trip in the event of network failure, and is lockable

Neutral conductor position left.

Accessories: terminal caps KA
on Page: [111](#)

switch-disconnectors

mod. pack. Article No. EAN
widths units (4014712...)

switch-disconnectors DHS 6 NU

10000



Compact switch-disconnectors for disconnection of system components with mains monitoring

63 A

DHS 6-063 NU	4-pole	NEW	6	1	09 900 019	292741
--------------	--------	------------	---	---	----------------------------	--------

Neutral conductor position left.

switch-disconnectors DHS 6 NUS

10000



Compact switch-disconnectors for disconnection of system components with mains monitoring and N-sensor

63 A

DHS 6-063 NUS	4-pole	NEW	6	1	09 900 020	293168
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Neutral conductor position left.

switch-disconnectors RH

10000



The devices in series RH are switch-disconnectors, with contacts that are very durable.

16 A

RH 016-100	1 NO		1	1	09 981 052	215016
------------	------	--	---	---	----------------------------	--------

20 A

RH 020-100	1 NO		1	1	09 981 053	215023
------------	------	--	---	---	----------------------------	--------

RH 020-200	2 NO		2	1	09 981 087	215153
------------	------	--	---	---	----------------------------	--------

RH 020-300	3 NO		3	1	09 981 088	215160
------------	------	--	---	---	----------------------------	--------

25 A

RH 025-300	3 NO		3	1	09 981 054	215061
------------	------	--	---	---	----------------------------	--------

32 A

RH 032-100	1 NO		1	1	09 981 093	224056
------------	------	--	---	---	----------------------------	--------

RH 032-200	2 NO		2	1	09 981 089	215177
------------	------	--	---	---	----------------------------	--------

RH 032-300	3 NO		3	1	09 981 055	215078
------------	------	--	---	---	----------------------------	--------

40 A

RH 040-100	1 NO		1	1	09 981 056	215030
------------	------	--	---	---	----------------------------	--------

RH 040-200	2 NO		2	1	09 981 057	215122
------------	------	--	---	---	----------------------------	--------

RH 040-300	3 NO		3	1	09 981 058	215085
------------	------	--	---	---	----------------------------	--------

RH 040-400	4 NO		4	1	09 981 059	215108
------------	------	--	---	---	----------------------------	--------

63 A

RH 063-100	1 NO		1	1	09 981 060	154841
------------	------	--	---	---	----------------------------	--------

RH 063-200	2 NO		2	1	09 981 061	154858
------------	------	--	---	---	----------------------------	--------

RH 063-300	3 NO		3	1	09 981 062	154865
------------	------	--	---	---	----------------------------	--------

RH 063-400	4 NO		4	1	09 981 063	154872
------------	------	--	---	---	----------------------------	--------

80 A

RH 080-300	3 NO		3	1	09 981 067	215092
------------	------	--	---	---	----------------------------	--------

RH 080-400	4 NO		4	1	09 981 108	240407
------------	------	--	---	---	----------------------------	--------

100 A

RH 100-200	2 NO		2	1	09 981 065	215054
------------	------	--	---	---	----------------------------	--------

RH 100-300	3 NO		3	1	09 981 064	154889
------------	------	--	---	---	----------------------------	--------

RH 100-400	4 NO		4	1	09 981 066	215115
------------	------	--	---	---	----------------------------	--------

Accessories: terminal caps KA, restart locks RH-SPE
on Page: [111](#)

impulse switch (remote switches),
impulse switch with central control

mod. pack. Article No. EAN
widths units (4014712...)

impulse switch (remote switches) RS



The impulse relays (remote switches) in series RS are suitable for switching electrical consumers up to 16 A in intermittent operation.

024 V DC / 16 A

RS 024-100 DC	1 NO	NEW	1	1	09981048	293243
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008 V AC / 16 A

RS 008-001	1 CO		1	1	09981041	154759
RS 008-100	1 NO		1	1	09981030	154643
RS 008-110	1 NC/1 NO		1	1	09981037	154711

012 V AC / 16 A

RS 012-001	1 CO		1	1	09981042	154766
RS 012-002	2 CO	SELLOUT	2	1	09981045	154797
RS 012-100	1 NO		1	1	09981031	154650
RS 012-110	1 NC/1 NO		1	1	09981038	154728
RS 012-200	2 NO		1	1	09981034	154681

024 V AC / 16 A

RS 024-001	1 CO		1	1	09981043	154773
RS 024-002	2 CO	SELLOUT	2	1	09981046	154803
RS 024-100	1 NO		1	1	09981032	154667
RS 024-110	1 NC/1 NO		1	1	09981039	154735
RS 024-200	2 NO		1	1	09981035	154698

230 V AC / 16 A

RS 230-001	1 CO		1	1	09981044	154780
RS 230-002	2 CO		2	1	09981047	154810
RS 230-100	1 NO		1	1	09981033	154674
RS 230-110	1 NC/1 NO		1	1	09981040	154742
RS 230-200	2 NO		1	1	09981036	154704

Accessories: capacitor blocks RS, spacers DHDS
on Page: [111](#)

impulse switch with central control RSZ



The impulse relays (remote switches with central control) in series RSZ are suitable for switching electrical consumers up to 16 A in intermittent operation.

024 V AC / 16 A

RSZ 024-100	1 NO		1	1	09981050	154827
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230 V AC / 16 A

RSZ 230-100	1 NO		1	1	09981051	154834
-------------	------	--	---	---	--------------------------	--------

Accessories: capacitor blocks RS, spacers DHDS
on Page: [111](#)

impulse switch (remote switches) SIR



This DC-impulse relay (remote switch) is suitable for switching electrical consumers (230 V AC/16 A) in intermittent operation.

024 V DC / 16 A

SIR 16 L		SELLOUT	1	1	09500153	064928
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Accessories: spacers DHDS
on Page: [111](#)

control switches, group switches (changeover switches), control buttons

mod. pack. Article No. EAN
widths units (4014712...)

control switches RSS (push-button version)



The RSS control switches with push-button (latching) are suitable for switching electrical consumers up to 16 A.

250 V AC / 16 A

RSS 016-001	1 CO	1	1	09981077	154957
RSS 016-100	1 NO	1	1	09981070	154896
RSS 016-200	2 NO	1	1	09981071	154902

250 V AC / 16 A with LED

RSS 016-100L	1 NO	1	1	09981075	154933
RSS 016-200L	2 NO	1	1	09981076	154940

Accessories: spacers DHDS
on Page: [111](#)

control switches RSS (toggle design)



The RSS control switches with toggle are suitable for switching electrical consumers.

250 V AC / 16 A

RSS 016-300	3 NO	1	1	09981072	154919
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Accessories: spacers DHDS
on Page: [111](#)

group switches (changeover switches) RG

10 000



The group switches of the RG series are suitable for switching one-phase electrical consumers up to 16 A and have one zero position.

230 V AC / 16 A

RG 016-001	1 CO	1	1	09981080	154971
RG 016-002	2 CO	1	1	09981081	154988

Accessories: spacers DHDS
on Page: [111](#)

control buttons RT



The RT control buttons allow impulses to be generated for electrical consumers or within controls with a rated current of up to 16 A.

250 V AC / 16 A

RT 016-100	1 NO	1	1	09981084	155008
RT 016-110	1 NC/1 NO	1	1	09981085	155015

250 V AC / 16 A with LED

RT 016-110L	1 NC/1 NO	1	1	09981086	155022
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Accessories: spacers DHDS
on Page: [111](#)

accessories (switches and push-buttons)

mod. widths pack. units Article No. EAN (4014712...)

Accessories

automatic reclosing devices DFA 2



remote actuation for residual current circuit-breakers of series DFS 2 and DFS 4

DFA 2	24 V AC/DC, switch-on attempts: 1	4	1	09100110	205598
DFA 2-1	24 V AC/DC, switch-on attempts: 1	4	1	09100112	208339
DFA 2-2	24 V AC/DC, switch-on attempts: 1 or 3	4	1	09100113	208346
DFA 2-3	230 V AC, switch-on attempts: 1 or 3	4	1	09100114	208445
DFA 2-4	230 V AC, switch-on attempts: 1 or 3	4	1	09100115	211803

DFA 2-3/2-4: Resistance cable DFA 2-RC is required for remote tripping with rated residual current $I_{\Delta n}$ of the connected residual current circuit-breaker.

Accessories

automatic reclosing devices DFA 3



compact remote actuation for residual current circuit-breakers in series DFS 2 and DFS 4

DFA 3 012DC-0	12 V DC, switch-on attempts: 0	1	1	09100140	240933
DFA 3 012DC-3	12 V DC, switch-on attempts: 3	1	1	09100142	240957
DFA 3 024DC-0	24 V DC, switch-on attempts: 0	1	1	09100141	240940
DFA 3 024DC-3	24 V DC, switch-on attempts: 3	1	1	09100143	240964

Accessories

restart locks DEASS/RH-SPE/WES



Equipment which prevents the unintentional activation of switching devices, e.g. during maintenance work.

RH-SPE	for RH/AFDD/DRCBO 3/ELS 3	1		09981115	252677
WES	for DFS/DHS	1		09913993	149656

Accessories

terminal caps KA/RH-KA/KA-DMS



for protection against contact with voltage from leading terminals

KA-DFS 2	sealable	1		09200011	089440
KA-DFS 4	sealable	1		09200012	123779
KA-RH		1		09981069	158023

Accessories

software DBS



for DFS 2, DFS 4 and DLS 6

DBS V2		1		09917979	249028
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download free-of-charge online at www.doepke.de

Accessories

capacitor blocks RS-KB



for compensating for voltage increases

RS-KB		1	1	09981096	158009
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Accessories

spacers DHDS



for relays and installation contactors

DHDS		0.5	1	09860401	250888
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Accessories

auxiliary switches



auxiliary switches report the status of the main devices to which they are fitted

DHi 11	1 NC/1 CO, for DFS and DHS	0.5	1	09200040	198388
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installation relays, time relays, stairwell lighting time switches, timers

mod. pack. Article No. EAN
widths units (4014712...)

installation relays RI



The RI installation relays are suitable for switching single-phase consumers up to 20 A.

008 V AC / 20 A

RI 008-001	1 CO	SELLOUT	1	1	09981010	154568
RI 008-110	1 NC/1 NO	SELLOUT	1	1	09981005	154513

012 V AC / 20 A

RI 012-001	1 CO	SELLOUT	1	1	09981011	154575
RI 012-100	1 NO	SELLOUT	1	1	09981002	154483

024 V AC / 20 A

RI 024-001	1 CO	SELLOUT	1	1	09981012	154582
RI 024-002	2 CO	SELLOUT	2	1	09981014	154605

024 V DC / 20 A

RI 024-100 DC	1 NO	SELLOUT	1	1	09981016	154629
RI 024-110 DC	1 NC/1 NO	SELLOUT	1	1	09981017	154636

230 V AC / 20 A

RI 230-001	1 CO	SELLOUT	1	1	09981013	154599
RI 230-002	2 CO	SELLOUT	2	1	09981015	154612
RI 230-100	1 NO	SELLOUT	1	1	09981004	154506
RI 230-110	1 NC/1 NO	SELLOUT	1	1	09981008	154544
RI 230-200	2 NO	SELLOUT	1	1	09981009	154551

Accessories: spacers DHDS
on Page: 113

time relays RZ



multifunctional time relay with long time ranges

RZM 128	AC/DC		1	1	09980715	151659
RZQ 248	AC/DC		1	1	09980716	151666

1 changeover contact, rated current 8 A, time range of 50 ms to 100 h

Accessories: spacers DHDS
on Page: 113

stairwell lighting time switches RTZ



electronic stairwell lighting time switches with switch-off pre-warning

RTZ 2			1	1	09980719	151697
RTZ F			1	1	09980720	151703

1 NO contact, rated voltage 230 V AC, rated current 10 A

Accessories: spacers DHDS
on Page: 113

timers Uno



The mechanical time switches from the Uno series control one electrical load circuit each via day and/or week programs.

Uno D	daily program, 0 h Reserve power		1	1	09800033	151062
Uno QRD	daily program, 150 h Reserve power		1	1	09800034	151079
Uno QRS	daily program, weekly program, 150 h Reserve power		1	1	09800035	151086

1 NO contact, operating voltage 230 V AC

timers Data Micro



The compact digital time switches from the Data Micro series control up to two electrical load circuits via day and week programs.

Data Micro +	1 CO	SELLOUT	2	1	09800031	151048
Data Micro 2+	2 CO	SELLOUT	2	1	09800032	151055

day, week and holiday program, reserve power 4 years without power supply, rated voltage 230 V AC

timers, installation contactors

mod. widths pack. units Article No. EAN (4014712...)

timers DTSW Astro



time switch for controlling electrical consumers depending on sunrise and sunset times.

DTSW Astro 1	2 CO	2	1	09 800 037	221420
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sunrise, sunset, hourly program, daily program, weekly program, holiday program, 48 h Power reserve, rated voltage 250 V

Accessories

spacers DHDS



for relays and installation contactors

DHDS		0.5	1	09 860 401	250888
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installation contactors HS 24 V AC

for switching one and three-phase consumers, low-noise design



024 V AC

20 A

HS 1-024AC/20-11	4.6 kW AC1, 1 NC/1 NO	SELLOUT	1	1	09 980 403	067059
HS 1-024AC/20-20	4.6 kW AC1, 2 NO		1	1	09 980 401	067035

24 A

HS 2-024AC/24-13	5.5 kW AC1, 3 NC/1 NO	SELLOUT	2	1	09 980 425	067318
HS 2-024AC/24-40	5.5 kW AC1, 4 NO	SELLOUT	2	1	09 980 421	067271

25 A

HS 1-024AC/25-20	5.5 kW AC1, 2 NO	SELLOUT	1	1	09 980 448	231078
HS 2-024AC/25-22	5.7 kW AC1, 2 NC/2 NO	SELLOUT	2	1	09 980 432	107342
HS 2-024AC/25-40	5.7 kW AC1, 4 NO		2	1	09 980 407	067097

40 A

HS 3-024AC/40-04	9 kW AC1, 4 NC	SELLOUT	3	1	09 980 436	247901
HS 3-024AC/40-22	9 kW AC1, 2 NC/2 NO	SELLOUT	3	1	09 980 433	107359
HS 3-024AC/40-40	9 kW AC1, 4 NO		3	1	09 980 413	067158

63 A

HS 3-024AC/63-22	14.3 kW AC1, 2 NC/2 NO	SELLOUT	3	1	09 980 434	107366
HS 3-024AC/63-40	14.3 kW AC1, 4 NO		3	1	09 980 417	067196

Rated frequency (fixed): 50 Hz/60 Hz

Accessories: spacers DHDS, auxiliary switches HSH, seal caps HSP
on Page: [99](#), [114](#), [115](#), [115](#)

installation contactors

mod. widths pack. units Article No. EAN (4014712...)

installation contactors HS 230 V AC

for switching one and three-phase consumers, low-noise design



230 V AC

20 A

HS 1-230AC/20-02	4.6 kW AC1, 2 NC		1	1	09980406	067080
HS 1-230AC/20-10	4.6 kW AC1, 1 NO		1	1	09980442	158405
HS 1-230AC/20-11	4.6 kW AC1, 1 NC/1 NO		1	1	09980404	067066
HS 1-230AC/20-20	4.6 kW AC1, 2 NO		1	1	09980402	067042

24 A

HS 2-230AC/24-13	5.5 kW AC1, 3 NC/1 NO	SELLOUT	2	1	09980426	067325
HS 2-230AC/24-31	5.5 kW AC1, 1 NC/3 NO	SELLOUT	2	1	09980424	067301
HS 2-230AC/24-40	5.5 kW AC1, 4 NO		2	1	09980422	067288

25 A

HS 1-230AC/25-20	5.5 kW AC1, 2 NO		1	1	09980447	231061
HS 2-230AC/25-04	5.7 kW AC1, 4 NC		2	1	09980427	075993
HS 2-230AC/25-13	5.7 kW AC1, 3 NC/1 NO		2	1	09980412	067141
HS 2-230AC/25-22	5.7 kW AC1, 2 NC/2 NO		2	1	09980431	107335
HS 2-230AC/25-30	5.7 kW AC1, 3 NO	SELLOUT	2	1	09980443	158412
HS 2-230AC/25-31	5.7 kW AC1, 1 NC/3 NO		2	1	09980410	067127
HS 2-230AC/25-40	5.7 kW AC1, 4 NO		2	1	09980408	067103

40 A

HS 2-230AC/40-20S	9 kW AC1, 2 NO		2	1	09980445	216716
HS 3-230AC/40-02	9 kW AC1, 2 NC	SELLOUT	3	1	09980437	137073
HS 3-230AC/40-04	9 kW AC1, 4 NC		3	1	09980435	118546
HS 3-230AC/40-22	9 kW AC1, 2 NC/2 NO		3	1	09980429	107113
HS 3-230AC/40-30	9 kW AC1, 3 NO	SELLOUT	3	1	09980440	152540
HS 3-230AC/40-31	9 kW AC1, 1 NC/3 NO		3	1	09980416	067189
HS 3-230AC/40-40	9 kW AC1, 4 NO		3	1	09980414	067165

63 A

HS 2-230AC/63-20S	14.3 kW AC1, 2 NO		2	1	09980446	216723
HS 3-230AC/63-22	14.3 kW AC1, 2 NC/2 NO		3	1	09980430	107120
HS 3-230AC/63-30	14.3 kW AC1, 3 NO	SELLOUT	3	1	09980438	148208
HS 3-230AC/63-31	14.3 kW AC1, 1 NC/3 NO		3	1	09980420	247918
HS 3-230AC/63-40	14.3 kW AC1, 4 NO		3	1	09980418	067202

Rated frequency (fixed): 50 Hz/60 Hz

Accessories: spacers DHDS, auxiliary switches HSH, seal caps HSP
on Page: [114](#), [115](#)

installation contactors HS 230 V AC/220 V DC

for switching one and three-phase consumers, non-humming design



230 V AC / 220 V DC

25 A

HS 2-230UC/25-22	5.7 kW, 2 NC/2 NO		2	1	09980450	236790
HS 2-230UC/25-31	5.7 kW, 1 NC/3 NO		2	1	09980452	236851
HS 2-230UC/25-40	5.7 kW, 4 NO		2	1	09980451	236820

Rated frequency (fixed): DC, 50 Hz/60 Hz

Accessories: seal caps HSP, spacers DHDS
on Page: [115](#)

Accessories

auxiliary switches HSH

Auxiliary switches report the status of the main devices to which they are fitted. For low hum contactors HS 2/3.

HSH 11	1 NC/1 NO		0.5	1	09980497	067233
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The HSH 11 is only suitable for the low-noise contactors HS 2 and HS 3.



undervoltage measuring relay, load-shedding relays,
twilight switches

mod. widths pack. units Article No. EAN (4014712...)

Accessories

seal caps HSP

for HS installation contactors



HS P-20/25	for HS 2	2	1	09 980 498	067240
HS P-40/63	for HS 3	3	1	09 980 499	067257

Accessories

spacers DHDS

for relays and installation contactors



DHDS		0.5	1	09 860 401	250888
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undervoltage measuring relay RUR



undervoltage monitoring for alternating voltage



RUR 1	fixed 195.5 V AC, 3-phase	1	1	09 980 717	151673
RUR 3	3-phase	1	1	09 980 718	151680

1 changeover contact, operating voltage 230/400 V AC, rated current 5 A, duty cycle 100%.

load-shedding relays RLR

for isolating long-term operated consumers when switching on short-term operated consumers



RLR 1	instantaneous, for conventional continuous-flow heaters	1	1	09 980 283	076686
RLR 2	delayed, for electronic continuous-flow heaters	1	1	09 980 284	076693

1 NC contact, rated current 1 A, response current 5 A

Twilight switches EDS 16

for light-dependent control, adjustable switch-off threshold, fixed hysteresis



EDS 16 mit LF 1	with LF 1 light sensor	2	1	09 500 110	047907
EDS 16 ohne LF 1	Single device without light sensor	2	1	09 500 121	048065

adjustment range: 2 lux ... 1000 lux

Accessories: sensors LF
on Page: [116](#)

Twilight switches Dasy



for daylight-linked lighting control (outdoor mounting)



10 A					
Dasy 010-2 12 V AC/DC - we	white	1		09 500 040	160552
Dasy 010-2 230 V - we	white	1		09 500 043	160125
Dasy 010-2 24 V AC/DC - we	white	1		09 500 041	160569

16 A					
Dasy 016-2 230 V - we	white	1		09 500 042	160118

switch-on threshold smoothly adjustable 1-200 Lux, 1 NO contact, protection class IP54, for wall and mast mounting

Accessories: mast brackets
on Page: [117](#)

Twilight switches, float switches

mod. pack. Article No. EAN
widths units (4014712...)

Twilight switches Dasy TC



with programmable time switch for energy-saving night-time switch-off

16 A

Dasy 016-230 VTC - we white 1 [09 500 044](#) 223356
switch-on threshold smoothly adjustable 1-200 Lux, 1 NO contact, protection class IP54, for wall and mast mounting

Accessories: mast brackets
on Page: [117](#)

float switches Champ

Float switches are used for fill-level-linked pump control.



Function "empty", NOC

with rubber cable, protective conductor

Champ 1 GS-L 03 m	empty, 1 NO, H07RN-F 3G1	1	09 921 001	061729
Champ 1 GS-L 05 m	empty, 1 NO, H07RN-F 3G1	1	09 921 004	063020
Champ 1 GS-L 10 m	empty, 1 NO, H07RN-F 3G1	1	09 921 007	063051

Function "fill", NOC

with rubber cable, protective conductor

Champ 1 GS-F 03 m	fill, 1 NO, H07RN-F 3G1	1	09 921 002	063006
Champ 1 GS-F 05 m	fill, 1 NO, H07RN-F 3G1	1	09 921 005	063037
Champ 1 GS-F 10 m	fill, 1 NO, H07RN-F 3G1	1	09 921 008	063068

Function "fill/empty", NOC

with rubber cable

Champ 2 G-L/F 03 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 003	063013
Champ 2 G-L/F 05 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 006	063044
Champ 2 G-L/F 10 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 009	063075
Champ 2 G-L/F 20 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 019	129993

with rubber cable, protective conductor

Champ 2 GS-L/F 03 m	fill/empty, 1 CO, H07RN-F 4G1	1	09 921 053	221444
Champ 2 GS-L/F 05 m	fill/empty, 1 CO, H07RN-F 4G1	1	09 921 056	221451
Champ 2 GS-L/F 10 m	fill/empty, 1 CO, H07RN-F 4G1	1	09 921 059	221468

switching capacity 10 A at 250 V AC max, housing colour blue (RAL 5010), IP 68

Accessories: counterweights GGW
on Page: [117](#)

float switches Champ HD

Float switches are used for fill-level-linked pump control. These are suited for use in faeces tanks.



Function "fill/empty", NOC

with rubber cable

Champ 2 G-L/F HD 05 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 070	221475
Champ 2 G-L/F HD 10 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 071	221482
Champ 2 G-L/F HD 20 m	fill/empty, 1 CO, H07RN-F 3X1	1	09 921 072	221499

switching capacity 10 A at 250 V AC max, housing colour blue (RAL 5010), IP 68

Accessories: counterweights GGW
on Page: [117](#)

Accessories

sensors EDS 16

light sensor individual devices



LF 1	light value detection for up to 10 EDS etc.	1	09 500 029	064553
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residual current analysis systems, transducers,
indicator lights, installation sockets

mod. pack. Article No. EAN
widths units (4014712...)

Accessories

mast brackets Dasy MH



for mounting on masts and pipes

Dasy MH 1 09 500 049 161153
consisting of 2 stainless steel brackets, 4 stainless steel screws, 1 stainless steel cable connector, for pipe diameters up to 150 mm

Accessories

counterweights GGW



for fixing the cable and setting the switching point for Champ float switches

GGW black, Polystyrene filled with Fe/SiO2 mix 1 09 921 010 063082

residual current analysis systems DRCA



DRCA-1-Set 1 09 352 050 199491

Set consists of: Measuring unit DRCA 1, residual current transformer DRCA 1 CT 70, measuring cable 3 m length DRCA 1 MC, analysis software DRCA 1 V2-SW in storage case

Accessories: transducers DRCA CT
on Page: 117, 117

transducers DRCA CT



Residual current detection unit, can be combined with a DRCA 1 measuring unit to a residual current analysis system.



DRCA 1 CT 070	70 mm	1	09 352 058	241213
DRCA 1 CT 105	105 mm	1	09 352 059	241220

Accessories

transducers DRCA CT



Residual current detection unit, can be combined with a DRCA 1 measuring unit to a residual current analysis system.



DRCA 1 CT 070	70 mm	1	09 352 058	241213
DRCA 1 CT 105	105 mm	1	09 352 059	241220

indicator lights RL

indicator lights with LED



RL 230-1GR	green	1	1	09 981 091	155046
RL 230-1RT	red	1	1	09 981 092	155053
RL 230-1W	white	1	1	09 981 090	155039

operating voltage AC 50 - 240 V/DC 110 - 240 V

installation sockets RDS



installation sockets with a connected load of 250 V/16 A



RDS 6		2.5	1	09 980 028	040458
RDS 9	with hinged lid	2.5	1	09 980 698	131941

for distribution board installation

sensors, accessories (building systems technology)

mod. widths pack. units Article No. EAN (4014712...)

SI System

sensors EDS 16

light sensor individual devices

LF1

light value detection for up to 10 EDS etc.

1 [09 500 029](#) 064553



SI System

sensors SIWS/SIWR

robust, maintenance-free anemometer and evaluation unit

SIWR

Evaluation unit for SIWS, adjustable, 24 V DC

SELLOUT

2

1

[09 500 208](#)

077553

SIWS

wind sensor, Reed contact, 250 mA

SELLOUT

1

[09 500 206](#)

077539

Accessories: sensors SIWS, mounting kits SIWH
on Page: [118](#)



SI System

sensors SIRW

rain sensor with heated sensor element

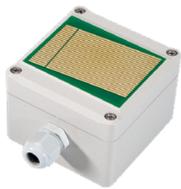
SIRW

operating voltage 24 V DC/max. 150 mA, 2 potential-free changeover contacts 230 V/max. 2 A

1

[09 500 207](#)

077546



doorbell transformers RK

for converting the mains voltage 230 V into SELV

RK 12

8/12 V; 2/2 A, cannot be switched off

2

1

[09 980 033](#)

040502

RK 12 S

8/12 V; 2/1,5 A, can be switched off at primary

2

1

[09 980 034](#)

040519

RK 24

8/12/24 V; 2/1.3/0.6 A, switchable

2

1

[09 980 654](#)

118720

RK 3 U

8/12 V; 2/2 A, cannot be switched off

3

1

[09 980 085](#)

044524

RK 81

8 V; 1 A, cannot be switched off

2

1

[09 980 029](#)

040465

RK 81 S

8 V; 1 A, can be switched off at primary

2

1

[09 980 030](#)

040472

primary voltage 230 V AC/50 Hz

Accessories: mounting kits RK
on Page: [118](#)



Accessories

sensors SIWS/SIWR

robust, maintenance-free anemometer and evaluation unit

SIWS

wind sensor, Reed contact, 250 mA

SELLOUT

1

[09 500 206](#)

077539



Accessories

mounting hits RK M

for on-wall mounting

RK M36

for RK 81, RK 81 S, RK 12, RK 12 S, RK 24

1

[09 980 652](#)

107410

RK M54

for RK 3 U

1

[09 980 653](#)

107427



Accessories

mounting hits SIWH

wall bracket with telescopic arm for SIWS

SIWH

SELLOUT

1

[09 500 212](#)

100558



General Conditions for the supply of Products and Services of the Electrical and Electronics Industry (“GL”)* for commercial transactions between businesses

recommended by ZVEI e. V.
– as of January 2022 –



* The original German text shall be the governing version.

ARTICLE I: GENERAL PROVISIONS

1. Legal relations between Supplier and Purchaser in connection with supplies and/or services of the Supplier (hereinafter referred to as „Supplies”) shall be solely governed by the present GL. The Purchaser's general terms and conditions shall apply only if expressly accepted by the Supplier in writing. The scope of delivery shall be determined by the congruent mutual written declarations.
2. The Supplier herewith reserves any industrial property rights and/or copyrights and rights of use pertaining to its cost estimates, drawings and other documents (hereinafter referred to as „Documents”). The Documents shall not be made accessible to third parties without the Supplier's prior consent and shall, upon request, be returned without undue delay to the Supplier if the contract is not awarded to the Supplier. Sentences 1 and 2 shall apply mutatis mutandis to the Purchaser's Documents; these may, however, be made accessible to those third parties to whom the Supplier has rightfully subcontracted Supplies.
3. The Purchaser has the non-exclusive right to use standard software and firmware, provided that it remains unchanged, is used within the agreed performance parameters, and on the agreed equipment. Without express agreement the Purchaser may make one back-up copy of standard software.
4. Partial deliveries are allowed, unless they are unreasonable to accept for the Purchaser.
5. The term „claim for damages” used in the present GL also includes claims for indemnification for useless expenditure. Article II: Prices, Terms of Payment, and Set-Off.

ARTICLE II: PRICES, TERMS OF PAYMENT, AND SET-OFF

1. Prices are ex works and excluding packaging; value added tax shall be added at the then applicable rate.
2. If the Supplier is also responsible for assembly or erection and unless otherwise agreed, the Purchaser shall pay the agreed remuneration and any incidental costs required, e. g. for traveling and transport as well as allowances.
3. Payments shall be made free Supplier's paying office.
4. The Purchaser may set off only those claims which are undisputed or non-appealable.

ARTICLE III: RETENTION OF TITLE

1. The items pertaining to the Supplies (“Retained Goods”) for which the purchase price claim is due immediately or for which a payment period of up to and including 30 days after delivery, delivery with installation/assembly or receipt of invoice has been agreed for the due date of the purchase price claim shall remain the property of the Supplier until payment has been made in total.
2. In all other cases, the items pertaining to the Supplies („Retained Goods”) shall remain the Supplier's property until each and every claim the Supplier has against the Purchaser on account of the business relationship has been fulfilled. If the combined value of the Supplier's security interests exceeds the value of all secured claims by more than 20 %, the Supplier shall release a corresponding part of the security interest if so requested by the Purchaser; the Supplier shall be entitled to choose which security interest it wishes to release.
3. For the duration of the retention of title, the Purchaser may not pledge the Retained Goods or use them as security, and resale shall be possible only for resellers in the ordinary course of their business and only on condition that the reseller receives payment from its customer or makes the transfer of property to the customer dependent upon the customer fulfilling its obligation to effect payment.
4. Should Purchaser resell Retained Goods, it assigns to the Supplier, already today, all claims it will have against its customers out of the resale, including any collateral rights and all balance claims, as security, without any subsequent declarations to this effect being necessary. If the Retained Goods are sold on together with other items and no individual price has been agreed with respect to the Retained Goods, Purchaser shall assign to the Supplier such fraction of the total price claim as is attributable to the price of the Retained Goods invoiced by Supplier.
5. (a) Purchaser may process, amalgamate or combine Retained Goods with other items. Processing is made for Supplier. Purchaser shall store the new item thus created for Supplier, exercising the due care of a diligent business person. The new items are considered as Retained Goods.
(b) Already today, Supplier and Purchaser agree that if Retained Goods are combined or amalgamated with other items that are not the property of Supplier, Supplier shall acquire co-ownership in the new item in proportion of the value of the Retained Goods combined or amalgamated to the other items at the time of combination or amalgamation. In this respect, the new items are considered as Retained Goods.
(c) The provisions on the assignment of claims according to No. 4 above shall also apply

to the new item. The assignment, however, shall only apply to the amount corresponding to the value invoiced by Supplier for the Retained Goods that have been processed, combined or amalgamated.

- (d) Where Purchaser combines Retained Goods with real estate or movable goods, it shall, without any further declaration being necessary to this effect, also assign to Supplier as security its claim to consideration for the combination, including all collateral rights for the prorata amount of the value the combined Retained Goods have on the other combined items at the time of the combination.
6. Until further notice, Purchaser may collect assigned claims relating to the resale. Supplier is entitled to withdraw Purchaser's permission to collect funds for good reason, including, but not limited to delayed payment, suspension of payments, start of insolvency proceedings, protest or justified indications for overindebtedness or pending insolvency of Purchaser. In addition, Supplier may, upon expiry of an adequate period of notice disclose the assignment, realize the claims assigned and demand that Purchaser informs its customer of the assignment.
7. The Purchaser shall inform the Supplier forthwith of any seizure or other act of intervention by third parties. If a reasonable interest can be proven, Purchaser shall, without undue delay, provide Supplier with the information and/or Documents necessary to assert the claims it has against its customers.
8. Where the Purchaser fails to fulfill its duties, fails to make payment due, or otherwise violates its obligations the Supplier shall be entitled to rescind the contract and take back the Retained Goods in the case of continued failure following expiry of a reasonable remedy period set by the Supplier; the statutory provisions providing that a remedy period is not needed shall be unaffected. The Purchaser shall be obliged to return the Retained Goods. The fact that the Supplier takes back Retained Goods and/or exercises the retention of title, or has the Retained Goods seized, shall not be construed to constitute a rescission of the contract, unless the Supplier so expressly declares.

ARTICLE IV: TIME FOR SUPPLIES; DELAY

1. Times set for Supplies shall only be binding if all Documents to be furnished by the Purchaser, necessary permits and approvals, especially concerning plans, are received in time and if agreed terms of payment and other obligations of the Purchaser are fulfilled. If these conditions are not fulfilled in time, times set shall be extended reasonably; this shall not apply if the Supplier is responsible for the delay.
2. If non-observance of the times set is due to:
 - (a) force majeure, such as mobilization, war, terror attacks, rebellion or similar events (e. g. strike or lockout);
 - (b) virus attacks or other attacks on the Supplier's IT systems occurring despite protective measures were in place that complied with the principles of proper care;
 - (c) hindrances attributable to German, US or otherwise applicable national, EU or international rules of foreign trade law or to other circumstances for which Supplier is not responsible; or
 - (d) the fact that Supplier does not receive its own supplies in due time or in due form such times shall be extended accordingly.
3. If the Supplier is responsible for the delay (hereinafter referred to as „Delay”) and the Purchaser has demonstrably suffered a loss therefrom, the Purchaser may claim a compensation as liquidated damages of 0.5 % for every completed week of Delay, but in no case more than a total of 5 % of the price of that part of the Supplies which due to the Delay could not be put to the intended use.
4. Purchaser's claims for damages due to delayed Supplies as well as claims for damages in lieu of performance exceeding the limits specified in No. 3 above are excluded in all cases of delayed Supplies, even upon expiry of a time set to the Supplier to effect the Supplies. This shall not apply in cases of liability based on intent, gross negligence, or due to loss of life, bodily injury or damage to health. Rescission of the contract by the Purchaser based on statute is limited to cases where the Supplier is responsible for the delay. The above provisions do not imply a change in the burden of proof to the detriment of the Purchaser.
5. At the Supplier's request, the Purchaser shall declare within a reasonable period of time whether it, due to the delayed Supplies, rescinds the contract or insists on the delivery of the Supplies.
6. If dispatch or delivery, due to Purchaser's request, is delayed by more than one month after notification of the readiness for dispatch was given, the Purchaser may be charged, for every additional month commenced, storage costs of 0.5 % of the price of the items of the Supplies, but in no case more than a total of 5 %. 2 The parties to the contract may prove that higher or, as the case may be, lower storage costs have been incurred.

ARTICLE V: PASSING OF RISK

1. Even where delivery has been agreed freight free, the risk shall pass to the Purchaser as follows:
 - (a) if the delivery does not include assembly or erection, at the time when it is shipped or picked up by the carrier. Upon the Purchaser's request, the Supplier shall insure the delivery against the usual risks of transport at the Purchaser's expense;
 - (b) if the delivery includes assembly or erection, at the day of taking over in the Purchaser's own works or, if so agreed, after a successful trial run.
2. The risk shall pass to the Purchaser if dispatch, delivery, the start or performance of assembly or erection, the taking over in the Purchaser's own works, or the trial run is delayed for reasons for which the Purchaser is responsible or if the Purchaser has otherwise failed to accept the Supplies.

ARTICLE VI: ASSEMBLY AND ERECTION

Unless otherwise agreed in written form, assembly and erection shall be subject to the following provisions:

1. Purchaser shall provide at its own expense and in due time:
 - (a) all earth and construction work and other ancillary work outside the Supplier's scope, including the necessary skilled and unskilled labor, construction materials and tools;
 - (b) the equipment and materials necessary for assembly and commissioning such as scaffolds, lifting equipment and other devices as well as fuels and lubricants;
 - (c) energy and water at the point of use including connections, heating and lighting;
 - (d) suitable dry and lockable rooms of sufficient size adjacent to the site for the storage of machine parts, apparatus, materials, tools, etc. and adequate working and recreation rooms for the erection personnel, including sanitary facilities as are appropriate in the specific circumstances; furthermore, the Purchaser shall take all measures it would take for the protection of its own possessions to protect the possessions of the Supplier and of the erection personnel at the site;
 - (e) protective clothing and protective devices needed due to particular conditions prevailing on the specific site.
2. Before the erection work starts, the Purchaser shall unsolicitedly make available any information required concerning the location of concealed electric power, gas and water lines or of similar installations as well as the necessary structural data.
3. Prior to assembly or erection, the materials and equipment necessary for the work to start must be available on the site of assembly or erection and any preparatory work must have advanced to such a degree that assembly or erection can be started as agreed and carried out without interruption. Access roads and the site of assembly or erection must be level and clear.
4. If assembly, erection or commissioning is delayed due to circumstances for which the Supplier is not responsible, the Purchaser shall bear the reasonable costs incurred for idle times and any additional traveling expenditure of the Supplier or the erection personnel.
5. The Purchaser shall attest to the hours worked by the erection personnel towards the Supplier at weekly intervals and the Purchaser shall immediately confirm in written form if assembly, erection or commissioning has been completed.
6. If, after completion, the Supplier demands acceptance of the Supplies, the Purchaser shall comply therewith within a period of two weeks. The same consequences as upon acceptance arise if and when the Purchaser lets the two week period expire or the Supplies are put to use after completion of agreed test phases, if any.

ARTICLE VII: RECEIVING SUPPLIES

The Purchaser shall not refuse to receive Supplies due to minor defects.

ARTICLE VIII: DEFECTS AS TO QUALITY

The Supplier shall be liable for defects as to quality („Sachmängel“, hereinafter referred to as „Defects“,) as follows:

1. The Supplies are free from Defects if upon the passing of the risk they comply with the subjective requirements, the objective requirements and the installation requirements pursuant to Sec. 434 German Civil Code („Bürgerliches Gesetzbuch“). If the parties have agreed on the quality of the Supplies („Beschaffensvereinbarung“), the question whether the Supplies meet the objective requirements shall be determined exclusively by such agreement. Sentence 2 shall not apply if the last contract in the supply chain is a sale of consumer goods.
 2. Defective parts or defective services shall be, at the Supplier's discretion, repaired, replaced or provided again free of charge, provided that the reason for the Defect had already existed at the time when the risk passed.
 3. Claims for repair or replacement are subject to a statute of limitations of 12 months calculated from the start of the statutory statute of limitations; the same shall apply mutatis mutandis in the case of rescission and reduction. This shall not apply:
 - where longer periods are prescribed by law according to Sec. 438 para. 1 No. 2 (buildings and things used for a building), and Sec. 634a para. 1 No. 2 BGB (defects of a building),
 - in the case of intent,
 - in the case of fraudulent concealment of the Defect or
 - non-compliance with guaranteed characteristic („Beschaffensgarantie“).
- Claims for the reimbursement of expenses on the part of the Purchaser in accordance with Sec. 445a BGB (entrepreneur's right of recourse) shall likewise be subject to a statute of limitations of 12 months from the start of the statutory statute of limitations, provided the last contract in the supply chain is not a sale of consumer goods.

4. The legal provisions regarding suspension of the statute of limitations („Ablaufhemmung“, „Hemmung“) and commencement of limitation periods shall be unaffected. The suspension of the statute of limitations according to Sec. 445b para. 2 BGB (limitation of right of recourse) shall in any case end no later than 5 years after the date on which the Supplier delivered the concerned item to the seller. This shall not apply if the last contract in the supply chain is a sale of consumer goods or in cases that are according to No. 3 Sentence 2 above.
5. Notifications of Defect by the Purchaser shall be given in written form without undue delay.
6. In the case of claims for Defects, the Purchaser may withhold payments to an amount that is in a reasonable proportion to the Defect. The Purchaser has no right to withhold payments to the extent that its claim of a Defect is time-barred. Unjustified notifications of Defect shall entitle the Supplier to demand reimbursement of its expenses by the Purchaser.
7. The Supplier shall be given the opportunity to repair or to replace the defective good („Nacherfüllung“) within a reasonable period of time.
8. If repair or replacement is unsuccessful, the Purchaser is entitled to rescind the contract or reduce the remuneration; any claims for damages the Purchaser may have according to No. 12 shall be unaffected.
9. There shall be no claims based on Defect including but not limited in cases of insignificant deviations from the agreed quality, of only minor impairment of usability, of natural wear and tear, or damage arising after the passing of risk from faulty or negligent handling, excessive strain, unsuitable equipment, defective civil works, inappropriate foundation soil, or claims based on particular external influences not assumed under the contract, or from non-reproducible software errors. Claims based on defects attributable to improper modifications, installation/ removal, or repair work carried out by the Purchaser or third parties and the consequences thereof are likewise excluded.
10. The Purchaser shall have no claim with respect to expenses incurred in the course of supplementary performance, to the extent that expenses are increased because the subjectmatter of the Supplies has subsequently been brought to another location than the Purchaser's branch office, unless doing so complies with the normal use of the Supplies. This applies accordingly to claims for the reimbursement of expenses on the part of the Purchaser in accordance with Sec. 445a BGB (entrepreneur's right of recourse), provided the last contract in the supply chain is not a sale of consumer goods.
11. The Purchaser's right of recourse against the Supplier pursuant Sec. 445a BGB (entrepreneur's right of recourse) is limited to cases where the Purchaser has not concluded an agreement with its customers exceeding the scope of the statutory provisions governing claims based on Defects.
12. The Purchaser shall have no claim for damages based on Defects. This shall not apply to the extent that a Defect has been fraudulently concealed, the guaranteed characteristics are not complied with, in the case of loss of life, bodily injury or damage to health, and/or intentionally or grossly negligent breach of contract on the part of the Supplier. The above provisions do not imply a change in the burden of proof to the detriment of the Purchaser. Any other or additional claims of the Purchaser exceeding the claims provided for in this

ARTICLE VIII, BASED ON A DEFECT, ARE EXCLUDED.

ARTICLE IX: INDUSTRIAL PROPERTY RIGHTS AND COPYRIGHTS; DEFECTS IN TITLE

1. Unless otherwise agreed, the Supplier shall provide the Supplies in the country of the place of delivery only, without infringing any third-party industrial property rights and copyrights (hereinafter referred to as „IPR“). If a third party asserts a justified claim against the Purchaser based on an infringement of an IPR by the Supplies made by the Supplier and used in conformity with the contract, the Supplier shall be liable to the Purchaser within the time period stipulated in

ARTICLE VIII NO. 3 AND IN ACCORDANCE WITH NO. 4 AS FOLLOWS:

- (a) The Supplier shall choose whether to acquire, at its own expense, the right to use the IPR with respect to the Supplies concerned or whether to modify the Supplies such that they no longer infringe the IPR or replace them. If this would be impossible for the Supplier under reasonable conditions, the Purchaser may rescind the contract or reduce the remuneration pursuant to the applicable statutory provisions;
 - (b) The Supplier's liability to pay damages is governed by Article XII;
 - (c) The above obligations of the Supplier shall apply only if the Purchaser (i) immediately notifies the Supplier of any such claim asserted by the third party in written form, (ii) does not concede the existence of an infringement and (iii) leaves any protective measures and settlement negotiations to the Supplier's discretion. If the Purchaser stops using the Supplies in order to reduce the damage or for other good reason, it shall be obliged to point out to the third party that no acknowledgement of the alleged infringement may be inferred from the fact that the use has been discontinued.
2. Claims of the Purchaser shall be excluded if it is responsible for the infringement of an IPR.
 3. Claims of the Purchaser are also excluded if the infringement of the IPR is caused by specifications made by the Purchaser, by a type of use not foreseeable by the Supplier or by the Supplies being modified by the Purchaser or being used together with products not provided by the Supplier.
 4. In addition, with respect to claims by the Purchaser pursuant to No. 1 a) above, Article VIII Nos. 6, 7, 10, and 11 shall apply mutatis mutandis in the event of an infringement of an IPR.
 5. Where other defects in title occur, Article VIII shall apply mutatis mutandis.

6. Any other claims of the Purchaser against the Supplier or its agents or any such claims exceeding the claims provided for in this Article IX, based on a defect in title, are excluded.

ARTICLE X: CONDITIONAL PERFORMANCE

1. The performance of this contract is conditional upon that no hindrances attributable to German, US or otherwise applicable national, EU or international rules of foreign trade law or any embargos or other sanctions exist.
2. The Purchaser shall provide any information and Documents required for export, transport and import purposes.

ARTICLE XI: IMPOSSIBILITY OF PERFORMANCE; ADAPTATION OF CONTRACT

1. To the extent that delivery is impossible, the Purchaser is entitled to claim damages, unless the Supplier is not responsible for the impossibility. The Purchaser's claim for damages is, however, limited to an amount of 10 % of the value of the part of the Supplies which, owing to the impossibility, cannot be put to the intended use. This limitation shall not apply in the case of liability based on intent, gross negligence or loss of life, bodily injury or damage to health; this does not imply a change in the burden of proof to the detriment of the Purchaser. The Purchaser's right to rescind the contract shall be unaffected.
2. Where events within the meaning of Article IV No. 2 (a) to (c) substantially change the economic importance or the contents of the Supplies or considerably affect the Supplier's business, the contract shall be adapted taking into account the principles of reasonableness and good faith. To the extent this is not justifiable for economic reasons, the Supplier shall have the right to rescind the contract. The same applies if required export permits are not granted or cannot be used. If the Supplier intends to exercise its right to rescind the contract, it shall notify the Purchaser thereof without undue delay after having realized the repercussions of the event; this shall also apply even where an extension of the delivery period has previously been agreed with the Purchaser.

ARTICLE XII: OTHER CLAIMS FOR DAMAGES

1. Unless otherwise provided for in the present GL, the Purchaser has no claim for damages based on whatever legal reason, including infringement of duties arising in connection with the contract or tort.
2. This does not apply if liability is based on:
 - (a) the German Product Liability Act ("Produkthaftungsgesetz");
 - (b) intent;
 - (c) gross negligence on the part of the owners, legal representatives or executives;
 - (d) fraud;
 - (e) failure to comply with a guarantee granted;
 - (f) negligent injury to life, limb or health; or
 - (g) negligent breach of a fundamental condition of contract ("wesentliche Vertragspflichten").

However, claims for damages arising from a breach of a fundamental condition of contract shall be limited to the foreseeable damage which is intrinsic to the contract, provided that no other of the above case applies.

3. The above provision does not imply a change in the burden of proof to the detriment of the Purchaser.

ARTIKEL XIII: VENUE AND APPLICABLE LAW

1. If the Purchaser is a businessman, sole venue for all disputes arising directly or indirectly out of the contract shall be the Supplier's place of business. However, the Supplier may also bring an action at the Purchaser's place of business.
2. This contract and its interpretation shall be governed by German law, to the exclusion of the United Nations Convention on contracts for the International Sale of Goods (CISG).

ARTICLE XIV: SEVERABILITY CLAUSE

The legal invalidity of one or more provisions of this Agreement in no way affects the validity of the remaining provisions. This shall not apply if it would be unreasonably onerous for one of the parties to be obligated to continue the contract.

Software Clause

FOR THE PROVISION OF STANDARD SOFTWARE FORMING AN INTEGRAL PART OF SUPPLIES*

Supplementing and amending the "General Conditions for the supply of Products and Services of the Electrical and Electronics Industry" (GL)**
– as of January 2022 –



* The original German text shall be the governing version.

** The so-called „Grüne Lieferbedingungen“, hereinafter named „GL“.

1. Scope of application of the software clause

- (a) This Software Clause shall apply exclusively to the provision of standard software for a limited or unlimited period as a part of or in connection with related hardware (such software hereinafter referred to as "Software"), as well as to the entire Supplies, to the extent that a breach of contract has its cause in the Software. Furthermore, hardware shall be solely subject to the conditions of the GL.
- (b) Firmware is not "Software" within the meaning of this Software Clause.
- (c) The GL shall apply to those matters not specifically covered by this Software Clause.
- (d) The Supplier does not assume any obligation to perform services by virtue of this Software Clause. Such services require a separate agreement.

2. Documentation

Article I No. 2 GL shall be supplemented as follows. The provision of documentation requires a separate agreement in writing. If documentation is to be provided, the term "Software" hereinafter shall also include the documentation.

3. Rights of use

Article I No. 3 GL shall be replaced as follows:

- (a) The Supplier grants the Purchaser the non-exclusive right to use the Software in accordance with the Agreement. Unless otherwise agreed, the right to use refers to the country of destination of the hardware and within the territory of the European Union or of another signatory state to the Agreement on the European Economic Area. The right to use is limited to the agreed period of time, in the absence of such agreement, the right to use shall be unlimited in time.
- (b) The following supplementary conditions shall apply where the right to use is subject to a time limit: The Purchaser shall use the Software solely on the hardware referred to in the contract documents (e.g. software product sheet), in the absence of such reference, the use shall be limited to the respective hardware supplied together with the Software. The use of the Software on any other device shall require the express prior written consent of the Supplier and shall, if used on a more powerful device, entitle the Supplier to claim an appropriate additional remuneration; this does not apply, however, to the extent and for the period in which the Purchaser uses a temporary substitute device within the agreed scope of use because of a defect in the agreed device
- (c) Where the contract documents refer to more than one device, the Purchaser shall not install or make useable the Software provided on more than one of these devices simultaneously (Single License), to the extent that it has not been granted a Multiple License pursuant to No. 3 (j) below. Where more than one workplace exists for a specific device on which the Software can be used independently, the Single License shall apply to only one workplace.
- (d) The Software shall exclusively be provided in machine readable format (object code).
- (e) The Purchaser shall be entitled to make only one copy of the Software and solely so for back-up purposes (back-up copy). Any other duplication on the part of the Purchaser shall be allowed only subject to a Multiple License pursuant to No. 3 (j) below.
- (f) Save as provided for in Sec. 69 (e) (decompilation) of the German Copyright Act, the Purchaser shall not be entitled to modify, decompile, translate, or isolate parts of the Software. The Purchaser shall not remove alphanumeric or other identifiers from the data medium and shall transfer such identifiers unchanged to any back-up copy.
- (g) The Supplier grants the Purchaser the right to assign the right of use granted to it for software which is provided permanently to a third party. The Purchaser to whom the Software has not been provided for commercial resale shall pass on the right to use the Software only together with the device it has bought in combination with the Software from the Supplier. If the right to use is transferred to a third party, the Purchaser shall ensure that the right to use granted to the third party does not exceed the scope of rights to the Software granted to the Purchaser under this Agreement, and the Purchaser shall ensure that the third party shall be obliged to comply with at least the same obligations as are imposed herein. When doing so, the Purchaser may not retain copies of the Software. The Purchaser shall not be entitled to grant sublicenses. Where the Purchaser provides the Software to a third party, the Purchaser shall ensure that any existing export requirements are observed and shall hold the Supplier harmless in this respect.
- (h) For Software for which the Supplier has only derived rights to use and that is no open source Software (third party software), the provisions of this No. 3 shall be amended and superseded by the conditions of use agreed between the Supplier and its licensor

to the extent that they refer to the Purchaser (such as an end user license agreement); the Supplier shall notify the Purchaser of such conditions and make them available upon request.

- (i) For open source Software, the provisions of this No. 3 shall be superseded by the conditions of use underlying the open source Software. The Supplier shall make the source code available or accessible to the Purchaser only to the extent stipulated in the conditions of use underlying the open source software. The Supplier shall notify the Purchaser of the fact that open source Software and pertaining conditions of use exist and make such conditions of use accessible to the Purchaser or, if required according to the conditions of use, provide the Purchaser with them.
- (j) The use of the Software on more than one device or simultaneously at more than one workplace shall require a separate agreement on the right to use. The same shall apply if the Software is used in networks even if the Software is not copied for this purpose. In any of the afore-mentioned instances (hereinafter referred to as "Multiple License"), the following provisions (aa) and (bb) shall apply in addition to and superseding the provisions of this No. 3 (a) to (i):
 - (aa) Multiple License requires that the Supplier expressly confirms in writing the number of admissible copies that the Purchaser may make of the Software provided and the number of devices and/or workplaces where the Software may be used. No. 3 (g) second sentence shall be applicable to Multiple Licenses provided that they may be transferred by the Purchaser to third parties only if transferred in their totality and together with all devices on which the use of the Software is allowed.
 - (bb) The Purchaser shall observe the duplication rules provided by the Supplier together with the Multiple License. The Purchaser shall keep records on the whereabouts of all copies made and submit them to the Supplier upon request.

4. Transfer of risk

Article V GL shall be amended as follows: If the Software is provided via electronic communication media (e.g. via the internet) the risk shall pass when the Software leaves the sphere of influence of the Supplier (e.g. when making a download).

5. Additional obligations to co-operate on the part of the Purchaser and liability

Article VI GL shall be supplemented as follows. The Purchaser shall take all required and reasonable measures to prevent or limit damage attributable to the Software. In particular, the Purchaser shall make regular back-up copies of the programs and data. To the extent the Purchaser negligently breaches this obligation, the Supplier shall not be liable for any consequences arising therefrom; this shall apply in particular to the replacement of lost or damaged data or programs. The above provision does not imply a change in the burden of proof.

6. Defects as to quality ("the defects")

In the case of Software provided permanently, Article VIII GL shall be replaced by the following:

- (a) Contractual claims based on Defects of the Software are subject to a limitation period of 12 months from the start of the statutory statute of limitations. The statutory limitation period shall apply to claims for damages based on intent and gross negligence and in the case of culpable injury to life, body or health. Insofar as longer periods are prescribed by law according to Sec. 438 para. No. 2 (buildings and things used for a building), and Sec. 634a para. 1 No. 2 (defects of a building) German Civil Code ("BGB") and in the case of intent, the fraudulently conceals the Defect or non-compliance with guaranteed characteristics ("Beschaffensgarantie") the longer statutory periods shall apply. Claims for the reimbursement of expenses on the part of the Purchaser in accordance with Sec. 445a BGB (entrepreneur's right of recourse) shall be subject to a limitation period of 12 months from the start of the statutory statute of limitations, provided the last contract in the supply chain is not a sale of consumer goods. The legal provisions regarding suspension of the statute of limitations ("Ablaufhemmung", "Hemmung") and recommencement of limitation periods shall remain unaffected.
- (b) The suspension of the statute of limitations according to Sec. 445b para. 2 BGB (limitation of right of recourse) shall in any case end no later than 5 years after the date on which the Supplier delivered the concerned item to the seller. This shall not apply if the last contract in the supply chain is a sale of consumer goods or in cases that are according to Sentence 3 (a) above.
- (c) Software is considered to be defective only if the Purchaser can prove that there are reproducible deviations from the specifications. A Defect shall not be deemed to exist if it does not occur in the latest version supplied to the Purchaser, and the Purchaser can

be reasonably expected to use it. The Sentence above shall not apply if the last contract in the supply chain is a sale of consumer goods.

(d) Notifications of Defect by the Purchaser shall be given in written form without undue delay. Defects and the relevant data processing environment shall be described as precisely as possible therein.

(e) Claims based on Defects do not exist in the case of any of the following:

- insignificant deviations from the agreed characteristics;
- only minor impairment of usability;
- damage from faulty or negligent handling;
- damage from particular external influences not assumed under the contract;
- modifications or amendments made by the Purchaser or third parties, and any consequences resulting therefrom; or
- incompatibility of the Software provided with the data processing environment of the Purchaser.

(f) In the case of defective Software, the Supplier shall be first given the opportunity to repair or replace the Software ("Nacherfüllung") within a reasonable period of time. The Supplier shall be entitled to choose between repair and replacement.

(g) Unless the Supplier chooses otherwise, the Supplier will correct the Defect in the Software as follows:

(aa) The Supplier will provide a replacement by way of an update or an upgrade of the Software if available to the Supplier or obtainable with reasonable efforts by the Supplier. If the Purchaser has been granted a Multiple License, it may make a corresponding number of copies of the update, or, as the case may be, upgrade.

(bb) Until an update, or, as the case may be, upgrade is provided, the Supplier will make available to the Purchaser an interim solution bypassing the Defect, provided that this does not result in unreasonable expenditures and that the Purchaser would otherwise, due to the Defect, be unable to complete work that cannot be delayed.

(cc) If a data medium or documentation supplied proves to be defective, the Purchaser's right shall be limited to demanding that the Supplier replace it with a non-defective version.

(dd) The Supplier shall have the right to choose whether it corrects the Defect at the location of the Purchaser or at its own location. If the Supplier chooses to correct the Defect at the Purchaser's location, the Purchaser shall assure that the required hardware and software as well as the required operating conditions (including the required computing time) and qualified operating personnel are available. The Purchaser shall submit to the Supplier the documents and information available to it and required for Defect correction.

(ee) The Purchaser shall enable the Supplier access for remote maintenance if so requested.

(ff) The Purchaser shall have no claim with respect to expenses incurred in the course of supplementary performance, to the extent that expenses are increased because the subject matter of the Supplies has subsequently been brought to another location than the Purchaser's branch office, unless doing so complies with the normal use of the Supplies. This applies accordingly to claims for the reimbursement of expenses on the part of the Purchaser in accordance with Sec. 445a BGB (entrepreneur's right of recourse), provided the last contract in the supply chain is not a sale of consumer goods.

(gg) The Purchaser's right of recourse against the Supplier pursuant to Sec. 445a BGB (entrepreneur's right of recourse) is limited to cases where the Purchaser has not concluded an agreement with its customers exceeding the scope of the statutory provisions governing claims based on Defects.

(h) If the Defect cannot be corrected, the Purchaser shall be entitled to rescind the contract or reduce the remuneration, irrespective of any claims for damages it may have according to Article XII GL.

(i) In the case of claims for Defects, the Purchaser may withhold payments to an amount that is in a reasonable proportion to the Defect. The Purchaser has no right to withhold payments to the extent that its claim of a Defect is time-barred. Unjustified notifications shall entitle the Supplier to reimbursement of its expenses by the Purchaser.

(j) Claims for damages shall furthermore be subject to Article XII GL. Any other claims of the Purchaser against the Supplier or its agents or any such claims exceeding the claims provided for in this No. 6, if based on a Defect, shall be excluded.

(2) In the case of Software not provided permanently, Article VIII GL shall be replaced by the following:

(a) Software is considered to be defective only if the Purchaser can prove that there are reproducible deviations from the specifications. A Defect shall not be deemed to exist if it does not occur in the latest version supplied to the Purchaser, and the Purchaser can be reasonably expected to use it.

(b) Notifications of Defect by the Purchaser shall be given in written form without undue delay. Defects and the relevant data processing environment shall be described as precisely as possible therein.

(c) Claims based on Defects do not exist including but not limited in the case of any of the following:

- insignificant deviations from the agreed characteristics;
- only minor impairment of usability;
- damage from faulty or negligent handling;

quences resulting therefrom; or

- incompatibility of the Software provided with the data processing environment of the Purchaser.

(d) In the case of Defective Software, the Supplier shall be first given the opportunity to repair or replace the Software ("Nacherfüllung") within a reasonable period of time. The Supplier shall be entitled to choose between repair and replacement.

(e) Unless the Supplier chooses otherwise, the Supplier will correct the Defect in the Software as follows:

(aa) The Supplier will provide a replacement by way of an update or an upgrade of the Software if available to the Supplier or obtainable with reasonable efforts by the Supplier. If the Purchaser has been granted a Multiple License, it may make a corresponding number of copies of the update, or, as the case may be, upgrade.

(bb) Until an update, or, as the case may be, upgrade is provided, the Supplier will make available to the Purchaser an interim solution bypassing the Defect, provided that this does not result in unreasonable expenditures and that the Purchaser would otherwise, due to the Defect, be unable to complete work that cannot be delayed.

(cc) If a data medium or documentation supplied proves to be defective, the Purchaser's right shall be limited to demanding that the Supplier replace it with a non-defective version.

(dd) The Supplier shall have the right to choose whether it corrects the Defect at the location of the Purchaser or at its own location. If the Supplier chooses to correct the Defect at the Purchaser's location, the Purchaser shall assure that the required hardware and software as well as the required operating conditions (including the required computing time) and qualified operating personnel are available. The Purchaser shall submit to the Supplier the documents and information available to it and required for Defect correction.

(ee) The Purchaser shall enable the Supplier access for remote maintenance if so requested.

(f) If repair or replacement is unsuccessful, the Purchaser is entitled to terminate the contract without notice or reduce the remuneration, irrespective of any claims for damages it may have according to Article XII GL.

(g) Furthermore, the provisions of Art. XII GL shall apply in respect of claims for damages. Any other claims of the Purchaser against the Supplier or its agents or any such claims exceeding the claims provided for in this No. 6, if based on a Defect, shall be excluded.

7. Industrial property rights and copyright; defects in title

Article IX GL shall be replaced by the following:

Unless otherwise agreed, the Supplier shall provide the Supplies in the country of the place of delivery or within the territory of the European Union or of another signatory state to the Agreement on the European Economic Area without infringing any third-party industrial property rights and copyrights (hereinafter referred to as "IPR"). If a third party asserts a justified claim against the Purchaser based on an infringement of an IPR by the Supplies made by the Supplier and used in conformity with the contract, the Supplier shall be liable to the Purchaser - in the case of Software provided for an unlimited time period within the contractual limitation period stipulated for Defects; in the case of temporarily provided Software within the statutory limitation period - as follows:

(a) The Supplier shall choose whether to acquire, at its own expense, the right to use the IPR with respect to the Supplies concerned or whether to modify the Supplies such that they no longer infringe the IPR or replace them. If this would be impossible for the supplier under reasonable conditions, the Purchaser may rescind the contract or reduce the remuneration pursuant to the applicable statutory provisions.

(b) The Supplier's liability to pay damages is governed by Article XII GL.

(c) The above obligations of the Supplier shall apply only if the Purchaser (i) immediately notifies the Supplier of any such claim asserted by the third party in written form, (ii) does not concede the existence of an infringement and (iii) leaves any protective measures and settlement negotiations to the Supplier's discretion. If the Purchaser stops using the Supplies in order to reduce the damage or for other good reason, it shall be obliged to point out to the third party that no acknowledgement of the alleged infringement may be inferred from the fact that the use has been discontinued.

(2) Claims of the Purchaser shall be excluded if it is itself responsible for the infringement of an IPR.

(3) Claims of the Purchaser are also excluded if the infringement of the IPR is caused by specifications made by the Purchaser, by a type of use not foreseeable by the Supplier or by the Supplies being modified by the Purchaser or being used together with products not provided by the Supplier.

(4) In addition, with respect to claims by the Purchaser pursuant to No. 7.1 (a) above, provisions of No. 6.1 (i) and No. 6.1 (f) first sentence shall apply mutatis mutandis in the event of an infringement of an IPR.

(5) Where other defects in title occur, the provisions of No. 6 shall apply mutatis mutandis.

(6) Any other claims of the Purchaser against the Supplier or its agents or any such claims exceeding the claims provided for in this No. 7, based on a defect in title, are excluded.

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