

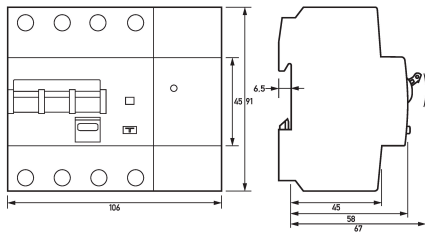


Technical Data	FIC 25/0,30/3+N-B SK
Rated residual current $I_{\Delta n}$	0.3 A
Short-time delayed	true
Selective	false
min. Operating voltage range of test circuit	100 V
max. Operating voltage range of test circuit	254 V
Minimum rated operating voltage (Type A/AC operation)	0 V AC
Minimum rated operating voltage (Type B operation)	50 V AC
Non-trip time	10 ms
Tripping frequency	0 Hz ... 150 kHz
Maximum disconnection times	$1 \cdot I_{\Delta n}: \leq 300 \text{ ms}; 5 \cdot I_{\Delta n}: \leq 40 \text{ ms}$
Tripping characteristic	C
Supply side	up
Operating voltage (AC)	max. 440 V
Internal consumption	max. 2.2 W
	<b>load circuit</b>
Specification	load disconnect contact
Rated voltage (AC)	230 V, 400 V
Rated current (AC)	25 A
Rated short-circuit current	6 kA
Surge current strength	3 kA
max. Total rated switching capacity	6 kA
Rated insulation voltage	440 V
Rated impulse withstand voltage	4 kV
Rated frequency	50 Hz
Current heat loss per current path	4.3 W
Short-circuit backup-fuse SCPD	100 A
Back-up fuse type	gG
Overvoltage class	III
	<b>screw-type terminal top, bottom (load circuit)</b>
Neutral conductor position	right
Connection C1 Maximum number of conductors per terminal	2 (conductors of same type and cross-section)
Cross section solid	1-wire: 1 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Connecting capacity flexible	1-wire: 1 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Cross section stranded	1-wire: 1 mm <sup>2</sup> ... 25 mm <sup>2</sup> ; 2-wire: 1 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Tightening torque	2 Nm ... 2.4 Nm
	<b>General data</b>
Operating position	optional
Mechanical endurance	min. 5000 switching cycles
Electrical endurance	min. 2000 switching cycles
Ambient temperature	-25 °C ... 40 °C
Climate resistance	according to IEC 60068-2-30
Shock resistance	20 g / 20 ms Duration
Fatigue limit	> 5 g (f ≤ 80 Hz, duration > 30 min.)
Housing type	distribution board housing

Subject to technical changes

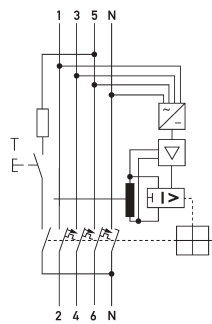
Technical Data	FIC 25/0,30/3+N-B SK
Installation type	Mounting rail (35 mm)
Housing material	thermoplastic
Protection class	IP20 (installed: IP40)
Width	106 mm
Height	91 mm
Depth	73.5 mm
Installation depth	67 mm
Module widths	6
Weight	0.58 kg
Design requirements/Standards	VDE o664-20, VDE o664-40, VDE o664-401, EN 61009-1, EN 62423, ÖVE/ÖNORM E 8601
Power limitation category	3
Degree of pollution	2

**Dimensions**



Dimensional drawing Group view

**Wiring example**



Wiring diagram