



DATA SHEET
DUSA 230
 Undervoltage trips for DLS 6
 Article number 09917998



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Function

Optional devices apply as accessories to the main product classes. Undervoltage trips for remote tripping of miniature circuit-breakers of series DLS 6 or MCBs. The undervoltage trip is kept inactive by a continuously flowing standby current by connecting it to an external control voltage source. The trip is activated by a brief interruption to the power supply or a voltage drop below a minimum withstand value and trips by mechanically disengaging the connected miniature circuit-breaker. This type of remote tripping ensures a reliable switch-off of the miniature circuit-breaker even if there is wire breakage between the control voltage source and the trip module. For this reason it can also be used to emergency stop circuits. The undervoltage trip does not affect the protective function of the miniature circuit-breaker.

Features

can be easily retrofitted, trips with different operating voltages available (DUSA)

Mounting

mounting by clamping to the right of the miniature circuit-breaker, quick fastening to mounting rail, any installation position

Applications

The undervoltage trips are used in conjunction with the miniature circuit-breakers DLS 6 (DUSA series) or MCBs (MCB USA) for remote tripping of the miniature circuit-breakers.

Technical Data

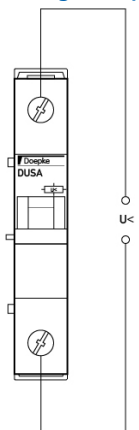
Technical Data	DUSA 230
Series	DUSA 230
Mounting side	right
min. Release voltage factor	0.3
max. Release voltage factor	0.7
min. Operate voltage factor	0.8
Operating voltage (AC)	220 V ... 240 V
	Control input
Rated voltage (AC)	230 V
Rated frequency	50 Hz, 60 Hz
	Strain relief clamp (Control input)
Connection C1 Maximum number of conductors per terminal	2
Cross section solid	1-wire: 0.5 mm ² ... 25 mm ²
Connecting capacity flexible	1-wire: 1 mm ² ... 16 mm ²
Cross section stranded	1-wire: 1.5 mm ² ... 25 mm ²
Tightening torque	max. 2.5 Nm
Thickness busbar	max. 3 mm
Thickness busbar cable lug (combined conductors, max)	2 mm
Cross section (busbar / busbar fork combined, max)	25 mm ²

Technical Data	DUSA 230
General data description	General data
Duty cycle	continuous operation (Duty cycle \leq 100 %, at Ue)
Operating position	any
Housing type	Distributor housing
Mounting type	Mounting rail, Device extension
Housing material	Thermoplastic resin
Protection class	IP20 (installed: IP40)
Width	17.5 mm
Height	83 mm
Depth	75.2 mm
Installation depth	68.7 mm
Width (modules)	1
Design requirements/Standards	EN 60715

Dimensions

Dimensional drawing Group view

Wiring example



Wiring diagram