DATA SHEET

DUSA 110

Undervoltage trips for DLS 6 and MCB

Article No. 09917997

Internetlink

Function

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

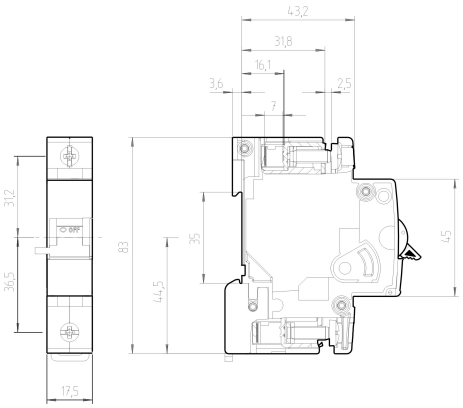
mounting by clamping to the right of the miniature circuit-breaker, quick fastening to mounting rail, any installation position

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	DUSA 110
Series	DUSA 110
suitable for model range	DLS 6i, B characteristic, one-pole
Mounting side	left
Number of (n.o, n.c.,change-over)	||
min. Release voltage factor	0.3
max. Release voltage factor	0.7
min. Operate voltage factor	0.8
Rated voltage (AC)	110 V (110 V ... 120 V)
Rated frequency	50 Hz, 60 Hz
Description	General data
Duty cycle	continuous operation (Duty cycle ≤ 100 %, at Ue)
Operating position	any
Housing type	Distributor housing
Mounting type	Mounting rail, Device extension
Housing material	Thermoplastic resin
Protection class	IP20 (front: 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, EN 50022

Dimensions



Wiring example