



DATA SHEET
fuse-switch-disconnector
Coron 2 63-1
without fuse inserts
Article number 09980671



Function

Fuse-switch-disconnectors combine the fuse protection of system parts with switching capability under load as well as when in overload. Coron 2 series devices are fuse switch-disconnectors for Do1 and Do2 fuses. Simultaneous isolation of all phases is ensured by the screwcap-less plug-in technology. In contrast to the earlier screwcap technology, in which perfect contact could not be guaranteed, the mechanics of the series prevent the formation of high transitional resistances and therefore minimise thermal dissipation power. The integrated glow lamp indicates the failure of a fuse cartridge by flashing.

Features

Fuse plugs with flashing indicator, suitable for Do fuses (Do1 with retaining spring), finger and back-of-hand proof, Cross-section of 1.5 mm² to 35 mm², lockable using conventional padlocks

Mounting

quick fastening to mounting rail, any installation position

Applications

The components are suitable for use in power supplies to residential and purpose-built buildings as well as industrial facilities.

Notes

The fuse switch disconnectors are supplied without fuse cartridges and sleeve sockets.

Accessories

wiring components Do busbar can be cut to length, input terminals DK, retaining springs Coron

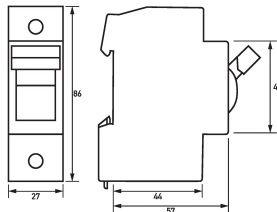
Technical Data

Technical Data	Coron 2 63-1
Series	Coron 2
Number of poles	1
Handling	plug-type technology without screw caps
Suitable for fuses	Do1: 2 A, 4 A, 6 A, 10 A, 16 A ^p Do2: 20 A, 25 A, 35 A, 50 A, 63 A
	load circuit
Specification	load disconnect contact
Rated voltage (AC)	400 V
Rated voltage (DC)	max. 110 V
Rated current (AC)	2 A ... 63 A
Rated short-circuit current	50 kA
max. total rated switching capacity	50 kA
Rated insulation voltage	690 V
Rated impulse withstand voltage	6 kV
Allowed utilization category	AC-22b
Overtoltage class	IV
	screw-type terminal top, bottom (load circuit)

Subject to technical changes

Technical Data	Coron 2 63-1
Protection against direct contact	finger and back-of-hand proof
Clamping area	1.5 mm ² ... 35 mm ²
Tightening torque	max. 3 Nm
	Do2 (fuse mounting)
	General data
Operating position	optional
Mechanical endurance	min. 10000 switching cycles
Electrical endurance	min. 1500 switching cycles
Storage temperature	-25 °C ... 60 °C
Ambient temperature	-25 °C ... 40 °C
Housing type	distribution board housing
Installation type	Mounting rail (35 mm)
Protection class	IP20 (installed: IP40)
sealable	true
Width	27 mm
Height	86 mm
Depth	70 mm
Installation depth	70 mm
Module widths	1.5
Design requirements/Standards	EN 60947-3
Fire class/creep resistance	Vo, glow wire test 960° / CTI 600
Degree of pollution according to EN 60664	3

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram