



## DATA SHEET

Article number: 09980672

# *fuse-switch-disconnector*

## *Coron 2 63-2*

*without fuse inserts*



### 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 mm<sup>2</sup> to 35 mm<sup>2</sup>, 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

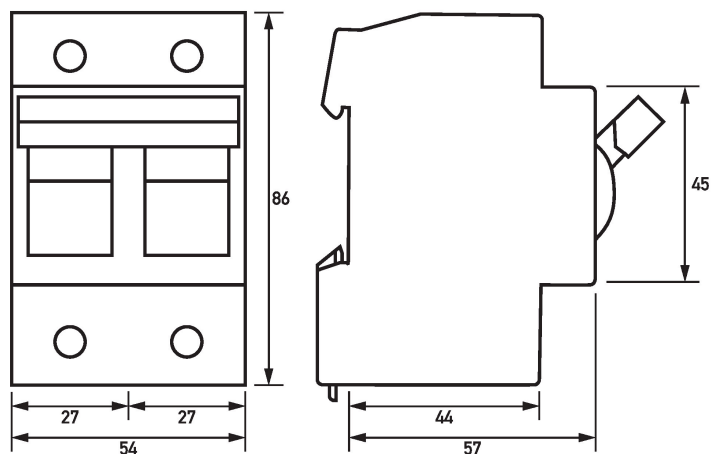
wiring components Do busbar can be cut to length, Input terminals DK, retaining springs Coron, mounting tools Coron

### Technical Data

Series	Coron 2
Number of poles	2
Device type	plug-type technology without screw caps
Suitable for fuses	Do1: 2 A, 4 A, 6 A, 10 A, 16 A <sup>1</sup> Do2: 20 A, 25 A, 35 A, 50 A, 63 A
Operating voltage (AC)	60 V ... 400 V
Design	Rocker arm
	<b>load circuit</b>
Specification	load disconnect contact
Rated voltage (AC)	400 V
Rated voltage (DC)	max. 220 V
Rated current (AC)	2 A ... 63 A
Rated short-circuit current	50 kA
Rated insulation voltage	690 V
Rated impulse withstand voltage	6 kV
Allowed utilization category	AC-22b
Overvoltage class	IV
	<b>Screw-type terminal top, bottom (load circuit)</b>
Protection against direct contact	finger and back-of-hand proof
Allowed types of wires	copper conductor
Clamping area	1.5 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Tightening torque	max. 3 Nm
	<b>Do2 (fuse mounting)</b>
	<b>General data</b>
Operating position	optional
electrical endurance	min. 1500 switching cycles

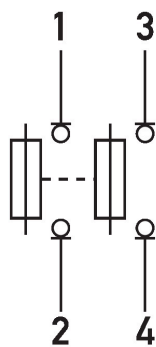
Storage temperature	-25 °C ... 55 °C
Ambient temperature	-25 °C ... 40 °C
Housing type	distribution board housing
Installation type	Mounting rail (35 mm)
Protection class	IP20C (behind front panel with inserted fuse plugs)
sealable	true
Width	54 mm
Height	86 mm
Depth	70 mm
Installation depth	70 mm
Module widths	3
Weight	0.27 kg
Design requirements/Standards	EN 60947-3
Fire class/creep resistance	Vo, glow wire test 960° / CTI 600
Degree of pollution	3

Dimensions



Dimensional drawing Coron 2 (Group view)

Wiring example



Wiring diagram Coron 2