

Suppressor module for relays with long power supply conductors DIN Rail mounting according to DIN 43 880

Type: CEM01/UC24-240V

The CEM is a suppressor module which is developed to counteract parasitic capacities or oscillating circuits in relay installations with long power supply conductors up to 500 meters. The implemented trigger element switches of the relay when a defined current value is exceeded. After de-energizing, the power consumption of the trigger element is reduced to a minimum.

Maximum compensated conductor length 500 m

Power supply

Nominal voltage AC / DC 24 ... 240 V
Operation voltage range 19 ... 250 V
AC Frequency 15 ... 63 Hz
Power consumption

Compensation

Max. parasitic capacity 60 nF
Max. conductor length 500 m

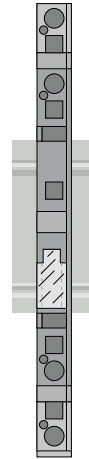
General specifications

Ambient temperature storage /operation -40 ... +85 °C / -40 ... +60 °C
Connection terminals Cage clamp®
Wire cross section 0.08 ... 2.5 mm² / AWG 28 ... 14
Skinning length 5...6 mm / 0.22 in
Ingress protection degree IP20
Housing material PA 6.6
Weight 14.5 g

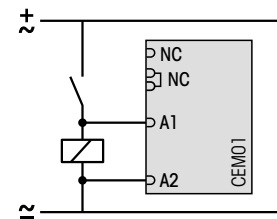
Standard types

AC/DC 24 - 240 V, 15 ... 63 Hz

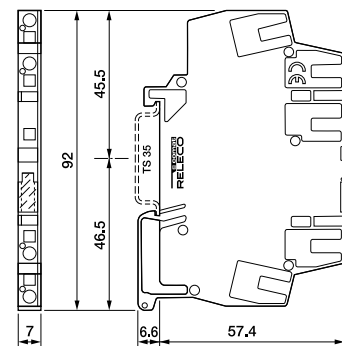
CEM01/UC24-240V



Connection diagram



Dimensions [mm]



Technical approvals, conformities

