DIN

CEM01

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.
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

CE