

Industrial relays

Instantaneous



DI

Current monitoring

10A 2CO

Monitoring the status of for example lamps, motors, heating element by connecting the coil of the DI relay in series with the load.

- 2CO contacts
- DC or AC current coil
- Cadmium free contacts

Standards

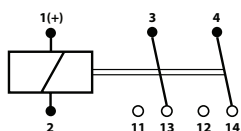
EN 60255
EN 60947
EN 60947-5-1
IEC 61810
CE

Pin arrangement

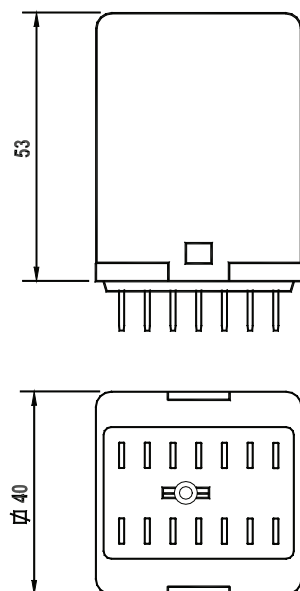
Smitt-style



Connection diagram



Dimensions



Contact specifications

Contact material	Ag
Number & configuration	2CO
Rated continuous current (AC1, IEC 60947)	10A
Max. make current	16A
Max. switching voltage	350 VDC / 440 VAC
Min. switched voltage/current	12V, 10mA (Au, 1μV, 1μA)

Coil specifications

Nominal current (In) A DC	0,018 ... 3,9
A AC	0,018 ... 3,9
Power consumption (DC/AC) W/VA	0,3/1,5
Operating range DC	0,8 ... 2 In
AC	0,8 ... 1,4 In

Technical data

Mechanical life cycles	30x10 ⁶
Dielectric strength, coil-contact	2500 VAC
Dielectric strength contacts	3500 VAC
Isolation class	C 380
Pull-in time DC/AC	≤ 20 / 10 ms
Release time DC/AC	5 ms
Ambient temperature	-25 ... +70°C
Humidity	93%rh / 40°C
Salt mist	5% NaCl, 35°C for 4 days
Weight	125 gram
Dimensions	40 x 40 x 53 mm
Protection category	IP 40

Options

Remarks

See page 15

Standard AC coil is 50Hz, 60Hz coil on request

Standard types

DI 0,15 ADC	330 218 075
DI 1,0 ADC	330 218 017
DI 2,2 ADC	330 218 021
DI 0,15 A - 50Hz	330 218 057
DI 1,0 A - 50Hz	330 218 067

See ordering scheme page 52

For more types check your local sales office

Socket examples



V29 Rail mounting socket
art.no. 338 000 550



V31 Flush mounting socket
art.no. 338 000 560



V33 Flush mounting socket
art.no. 338 000 570

See page 50 for more sockets & accessories