

Instantaneous

D-R



Fast switching 10 A, 3 C/O

Heavy duty applications, switching of AC & DC voltages, resistive and inductive loads.

- Plug in
- 3 C/O contacts
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining silver plated clip
- Fast switching <7 ms (for DC only) (option R, standard)

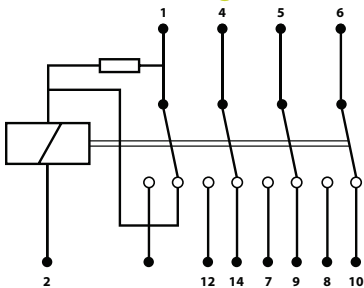
Standards

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

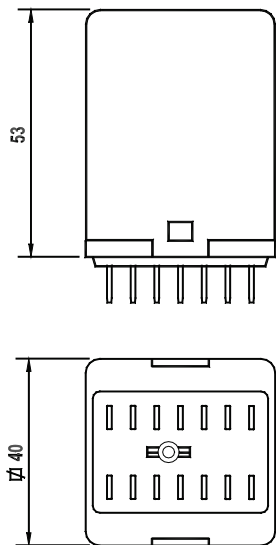
Pin arrangement Smitt-style



Connection diagram



Dimensions



Contact specifications

Contact material	Ag
Number & configuration	3 C/O
Rated continuous current	10 A
Breaking capacity AC1	10 A / 230 V
Breaking capacity DC1	1 A / 110 V
Max. make current	16 A
Max. switching voltage	350 VDC
Min. switched voltage	12 V
Min. switched current	10 mA (Au, 1 μV, 1 μA)
Peak inrush current	200 A (withstand ≥ 10 x 200 A @ 10 ms, 1 m)

Coil specifications

Nominal voltage (U_n DC)	12, 24, 48, 72, 110, 125, 220, 250 VDC
Power consumption	25 W (during pull-in), 1 W (continuous)
Operating range	0.8 ... 1.1 U_n

Technical data

Mechanical life cycles DC	50 x 10 ⁶
Dielectric strength, coil-contact	2500 VAC
Dielectric strength contacts	4000 VAC
Isolation class	C 380
Pull-in time DC	≤ 7 ms
Release time DC	10 ms
Ambient temperature	-25 °C...+55 °C
Humidity	95% / 40 °C
Salt mist	5% NaCl, 35 °C for 4 days
Weight	125 g
Dimensions	40 x 40 x 53 mm
Protection category	IP40

Options Remarks

See page 14
Other voltages on request

Most common types

D-R 24 VDC	334931361
D-R 48 VDC	334931365
D-R 110 VDC	334931360
D-R 220 VDC	334931366

See ordering scheme page 84
For more types check your local sales office

See page 65 for sockets & accessories