

Instantaneous

DGG



Very wide coil range, 0.4 U_{nom} (DC) 10 A, 2 C/O

Heavy duty applications, switching of AC & DC voltages, resistive and inductive loads. Very wide coil voltage range.

- Plug in
- 2 C/O contacts
- DC and AC coil
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining silver plated clip
- Extreme sensitive coil (pull-in voltage $0,4 \times U_{nom}$)

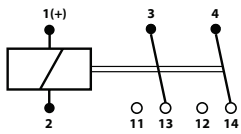
Standards

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

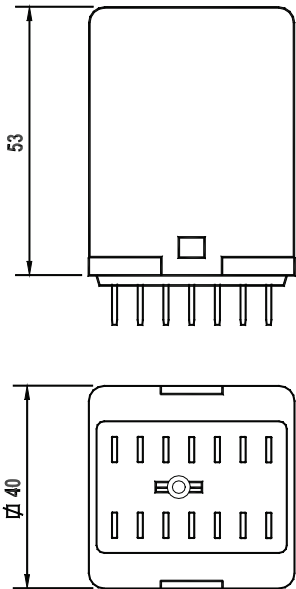
Pin arrangement Smitt-style



Connection diagram



Dimensions



Contact specifications

Contact material	Ag
Number & configuration	2 C/O
Rated continuous current	10 A
Max. make current	16 A
Max. switching voltage	350 VDC
Min. switched voltage	12 V
Min. switched current	10 mA (Au, 1μV, 1μA)
Peak inrush current	200 A (withstand $\geq 10 \times 200 \text{ A} @ 10 \text{ ms}, 1 \text{ m}$)

Coil specifications

Nominal voltage (U_n DC)	12, 24, 48, 72, 110, 125, 220, 250 VDC
Nominal voltage (U_n AC)	12, 24, 48, 72, 100, 120, 230, 350, 380 VAC
Power consumption (AC / DC)	2 VA / 2 W
Operating range	0.4 ... 1.1 U_n DC

Technical data

Mechanical life cycles (AC/DC)	$10 \times 10^6 / 50 \times 10^6$
Dielectric strength, coil-contact	2500 VAC
Dielectric strength contacts	4000 VAC
Isolation class	C 380
Pull-in time DC/AC	$\leq 20 / 10 \text{ ms}$
Release time DC/AC	18 / 5 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
Standard AC coil is 50Hz, 60Hz coil on request
Other voltages on request

Most common types

DGG 24 VDC	330217002
DGG 48 VDC	330217004
DGG 110 VDC	330217007
DGG 24 VAC 50 Hz	330217052
DGG 220 VAC 50 Hz	330217057

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

See page 65 for sockets & accessories