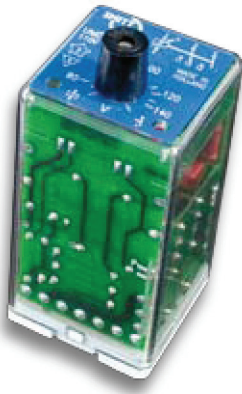


Industrial relays

Measuring & monitoring



UMD



Voltage monitoring

6A 1CO + 1NO

For demanding AC or DC applications, over and under voltage monitoring.

- Plug in
- 1CO + 1NO contact
- DC and AC coil
- Flash barrier
- 2 LED indicators
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Adjustable with a lockable knob
- No auxiliary supply required

Standards

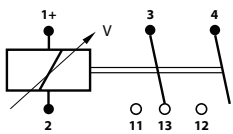
EN 60255
EN 60947
EN 60947-5-1
IEC 61810
CE

Pin arrangement

Smitt-style



Connection diagram



Contact specifications

Contact material	Ag + 0,2 µm Au
Number & configuration	1CO + 1NO
Rated continuous current (AC1, IEC 60947)	6A
Max. make current	15A
Max. switching voltage	300VDC / 250VAC
Min. switched current/voltage mA / V	10 / 12

Coil specifications

Nominal voltage (Un DC)	24 ... 220 VDC
Nominal voltage (Un AC)	24 ... 220 VAC
Power consumption DC / AC	0,3 ... 1,6 / 0,6 ... 6
Operating range	0,7 ... 1,3 Un

Technical data

Mechanical life cycles	30x10 ⁶
Dielectric strength, coil-contact	2000 VAC
Isolation class	C 250
Ambient temperature	-25 ... +70°C
Humidity	93%rh / 40°C
Salt mist	5% NaCl, 35°C for 4 days
Weight	130 gram
Dimensions	40 x 40 x 89 mm
Protection category	IP 40

Options

See page 15

Standard types

UMD-31	24 VDC	330 442 600
UMD-61	48 VDC	330 442 500
UMD-81	110 VDC	330 442 400
UMD-91	220 VDC	330 442 700
UMD-41	24 VAC	330 442 300
UMD-01	110 VAC	330 442 200
UMD-1	220 VAC	330 442 100

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