

Industrial relays

Measuring & monitoring

ACD



DC voltage monitoring 6A 1CO + 1NO

DC voltage monitoring applications, for example battery packs.

- Plug in
- 1CO + 1NO contact
- DC and AC coil
- Flash barriers
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Battery voltage, 2 levels
- Adjustable pull-in & hysteresis
- Triptime, 20 ms (if 6&8 connected 0,25 s.)

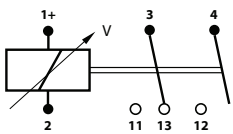
Standards

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

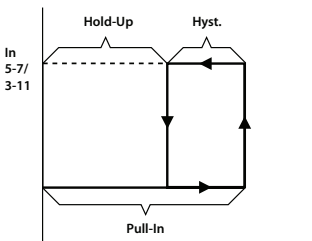
Pin arrangement Smitt-style



Connection diagram



Working principle



Contact specifications

Contact material	Ag + 0,2 µm Au
Number & configuration	1CO + 1NO
Rated continuous current (DC1, IEC 60947)	6A
Max. make current	15A
Max. switching voltage	300 VDC / 250 VAC
Min. switched current/voltage mA / V	10A / 12V

Coil specifications

Nominal voltage (Un DC)	12 ... 110 VDC
Power consumption	0,3 ... 1,35 W / VA
Operating range	0,9 ... 1,3 Un

Technical data

Mechanical life cycles	30x10 ⁶
Dielectric strength, coil-contact	4000VAC
Isolation class	C 250
Pull-in time DC	15ms
Release time DC	120 ms
Ambient temperature	-25 ... +70°C
Humidity	93%rh / 40°C
Salt mist	5% NaCl, 35°C for 4 days
Weight	120 gram
Dimensions	40 x 40 x 76 mm
Protection category	IP 40

Options
Remarks

See page 15
Standard coil is 50Hz, 60Hz coil on request

Standard types

ACD-012	12 VDC	330 402 100
ACD-024	24 VDC	330 402 200
ACD-048	48 VDC	330 402 500
ACD-110	110 VDC	330 402 700

See ordering scheme page 52
For more types check your local sales office

Socket examples



V21 Rail mounting socket
art.no. 338 000 200



V23 Rail mounting socket
art.no. 338 000 400



V25 Rail mounting socket
art.no. 338 300 200

See page 50 for more sockets & accessories