

WDDE



Pulse relay, one shot, on 8A 2CO + 2NC

One shot pulse functions in demanding applications, switching of AC & DC voltages, resistive and/or inductive loads.

- Plug in
- 2CO instant + 2CO time
- DC and AC coil
- Flash barriers
- LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Generates a 0,5 s. pulse on energization
- Fixed time

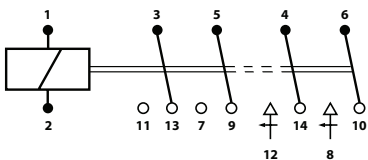
Standards

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

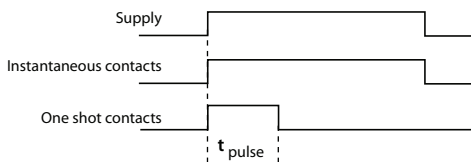
Pin arrangement Smitt-style



Connection diagram



Time diagram



Available time ranges

Fixed 0,5 s.

Contact specifications

Contact material
Number & configuration
Rated continuous current (AC1, IEC 60947)
Max. make current
Max. switching voltage AC / DC
Min. switched current/voltage mA / V
Insulation between contacts

Ag + 0,15 μ m Au
2CO + 2NC
8A
14A
300 VDC / 250 VAC
10 / 12
1kV, 50Hz, 1 min

Coil specifications

Nominal voltage (Un DC)
Nominal voltage (Un AC)
Power consumption
Operating range

24 ... 220 VDC
24 ... 220 VAC
1,3W / VA
0,8 ... 1,1 Un

Technical data

Mechanical life cycles
Dielectric strength, coil-contact
Isolation class
Pulse time DC / AC
Ambient temperature
Humidity
Salt mist
Weight
Dimensions
Protection category

20x10⁶
2000 VAC
C 250
0,5 s
-10 ... +55°C
93%rh / 40°C
5% NaCl, 35°C for 4 days
125 gram
40 x 40 x 76 mm
IP 40

Options Remarks

Longer pulses
Standard coil is 50Hz, 60Hz coil on request

Socket examples

Standard types

| | | |
|---------|------------|-------------|
| WDDE-11 | 24 VAC/DC | 332 012 102 |
| WDDE-21 | 48 VAC/DC | 332 012 103 |
| WDDE-71 | 60 VAC/DC | 332 012 104 |
| WDDE-81 | 110 VAC/DC | 332 012 106 |
| WDDE-1 | 220 VAC/DC | 332 012 107 |

See ordering scheme page 52

For more types check your local sales office



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