

**This relay is obsolete  
from January 1, 2023**

## WDDF



## Electronic time, one shot on 8 A, 2 C/O + 2 C/O

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

- Plug-in
- 2 C/O instant + 2 C/O timed
- DC and AC coil
- Flash barriers
- LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining silver plated clip
- Generates a 0.5 s pulse on de-energization
- Fixed time (other pulse times on request)
- No auxiliary supply needed

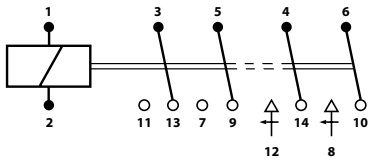
### Standards

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

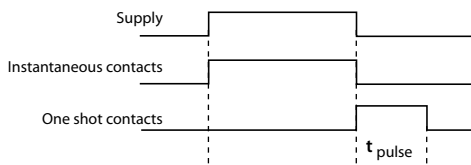
### Pin arrangement Smitt-style



### Connection diagram



### Time diagram



### Available time ranges

Fixed 0.5 s

### Contact specifications

Contact material  
Number & configuration  
Rated continuous current  
Breaking capacity AC1  
Breaking capacity DC1  
Max. make current  
Max. switching voltage AC/DC  
Min. switched voltage  
Min. switched current  
Insulation between contacts

Ag + 0.15  $\mu$ m Au  
2 C/O + 2 N/C  
8 A  
2.6 A / 250 V  
300 mA / 300 V  
14 A  
300 VDC / 250 VAC  
12 V  
10 mA  
1 kV, 50 Hz, 1 m

### Coil specifications

Nominal voltage ( $U_n$  AC/DC)  
Power consumption (DC/AC)  
Operating range

24, 48, 60, 110, 125, 220, 230, 250 VAC/DC  
1.3 W / VA  
0.8 ... 1.1  $U_n$  (0.7...1.25  $U_n$  option V)

### Technical data

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

20 x 10<sup>6</sup>  
2000 VAC  
C 250  
0.5 s  
-10 °C...+50 °C  
93% / 40 °C  
5% NaCl, 35 °C for 4 days  
125 g  
40 x 40 x 76 mm  
IP40

### Options

See page 14

### Standard types

WDDF-11	24 VAC/DC	332012102
WDDF-21	48 VAC/DC	332012103
WDDF-71	60 VAC/DC	332012104
WDDF-81	110 VAC/DC	332012105
WDDF-1	220 VAC/DC	332012107

For more types check your local sales office