

**This relay is obsolete  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

## FDC



## Electrical, pulse, flashing 6 A, 2 C/O

Flashing time functions in demanding applications, switching of AC & DC voltages, resistive and inductive loads.

- Plug-in
- 2 C/O contacts
- Puls / interval different
- Flash barriers
- LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining silver plated clip
- Adjustable with a lockable knob

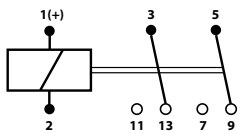
### Standards

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

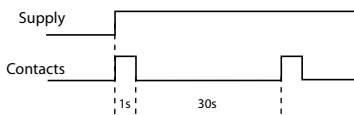
### Pin arrangement Smitt-style



### Connection diagram



### Time diagram



### Available time ranges

Pulse different from interval time

Start with pulsetime. Standard pulse = 1s, Interval = 30 s

### Contact specifications

Contact material	Ag + 0.2 µm Au
Number & configuration	2 C/O
Rated continuous current	6 A
Breaking capacity AC1	2.6 A / 250 V
Breaking capacity DC1	300 mA / 300 V
Max. make current	15 A
Max. switching voltage AC/DC	250 V, 2.6 A / 300 V, 300 mA
Min. switched voltage	12 V
Min. switched current	10 mA
Insulation between contacts	1 kV, 50 Hz, 1 m

### Coil specifications

Nominal voltage ( $U_n$ AC/DC)	24, 48, 60, 110 VAC/DC
Power consumption	1.2 W
Operating range DC	0.7 ... 1.25 $U_n$
Operating range AC	0.8 ... 1.1 $U_n$ (0.7...1.25 $U_n$ option V)

### Technical data

Mechanical life cycles	30 x 10 <sup>6</sup>
Dielectric strength, coil-contact	2000 VAC
Isolation class	C 250
Interval time	Fixed times
Ambient temperature	-40 °C...+70 °C
Humidity	95% / 40 °C
Salt mist	5% NaCl, 35 °C for 4 days
Weight	115 g
Dimensions	40 x 40 x 53 mm (incl. knob)
Protection category	IP40

### Options

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### Remarks

Standard coil is 50 Hz, 60 Hz coil on request

### Standard types

FDC-1	24 VDC 1 s / 30 s	331330100
FDC-2	100 VDC 1 s / 30 s	331330101

For more types check your local sales office