

**This relay is obsolete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

FDA4



Electronic plug-in pulse, flashing 10 A, 4 C/O

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

- Plug in
- 4 C/O contacts
- DC and AC input
- LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining silver plated clip
- Adjustable with a lockable knob

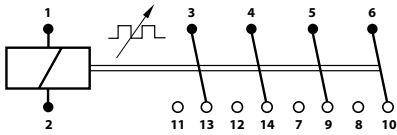
Standards

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

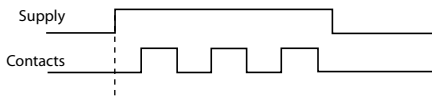
Pin arrangement Smitt-style



Connection diagram



Time diagram



Available time ranges

Pulse and interval time are equal
20...60 flashes/min, 40...120 flashes/min
Fixed or adjustable on request

Contact specifications

Contact material	Ag
Number & configuration	4 C/O
Rated continuous current	10 A
Breaking capacity AC1	10 A / 230 V
Breaking capacity DC1	1 A / 110 V
Max. make current	16 A
Max. switching voltage AC/DC	250 V / 44 V
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, 125, 220, 230, 250 VAC/DC
Power consumption	2.2 W
Operating range	0.8 ... 1.1 U_n (0.7...1.25 U_n option V)

Technical data

Mechanical life cycles (AC/DC)	10 x 10 ⁶ / 50 x 10 ⁶
Dielectric strength, coil-contact	2000 VAC
Isolation class	C 380
Interval time	adjustable
Ambient temperature	-25 °C...+70 °C
Humidity	95% / 40 °C
Salt mist	5% NaCl, 35 °C for 4 days
Weight	225 g
Dimensions	40 x 40 x 89 mm (incl. knob)
Protection category	IP40

Options

See page 14

Standard types

FDA4	24 VDC	40-120 imp / min
FDA4	48 VDC	40-120 imp / min
FDA4	110 VDC	40-120 imp / min
FDA4	220 VDC	40-120 imp / min
FDA4	250 VDC	40-120 imp / min

See ordering scheme page 84

For more types check your local sales office

See page 65 for sockets & accessories