

TDE



Delay off 6A 1CO + 1NO

Delay off timer functions in demanding applications, switching of AC & DC voltages, resistive and/or inductive loads.

- Plug in
- 1CO + 1NO contact
- DC and AC coil
- Flash barriers
- Double LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Adjustable with a lockable knob
- Forced contacts, weld no transfer
- No auxiliary supply needed

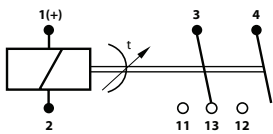
Standards

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

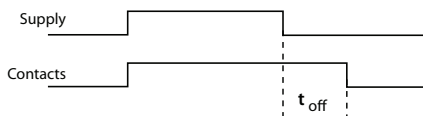
Pin arrangement Smitt-style



Connection diagram



Time diagram



Available time ranges

0.1 - 1 s 0.3 - 3 s 1 - 10 s 3 - 30 s 10-100 s

Contact specifications

Contact material	Ag + 0,2µm Au
Number & configuration	1CO + 1NO
Rated continuous current (AC1, IEC 60947)	6A
Max. make current	15A
Max. switching voltage AC / DC	2,6A / 300V, 300mA
Min. switched current/voltage mA / V	10 / 12
Insulation between contacts	1 kV, 50Hz, 1 min

Coil specifications

Nominal voltage (Un DC)	24 ... 110 VDC
Nominal voltage (Un AC)	24 ... 110 VAC
Power consumption	3W / 4VA
Operating range	0,8 ... 1,1 Un

Technical data

Mechanical life cycles	30x10 ⁶
Dielectric strength, coil-contact	2000 VAC
Isolation class	C 250
Pull-in time	< 40 ms
Release time	adjustable
Ambient temperature	-25 ... +70°C
Humidity	93%rh / 40°C
Salt mist	5% NaCl, 35°C for 4 days
Weight	140 gram
Dimensions	40 x 40 x 89 mm (incl. knob)
Protection category	IP 40

Options Remarks

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

Standard types

TDE-1	220 VAC, 0,1-1 sec.	333 223 100
TDE-2	220 VAC, 0,3-3 sec.	333 223 200
TDE-3	220 VAC, 1-10 sec.	333 223 300

See ordering scheme page 52

For more types check your local sales office

Socket examples



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