

TDE4



Delay off 10A 4CO

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

- Plug in
- 4CO contacts
- DC and AC coil
- LED indicator
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Adjustable with a lockable knob without auxiliary supply

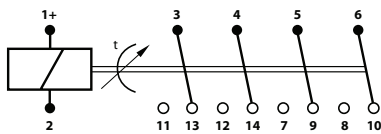
Standards

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

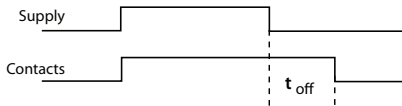
Pin arrangement Smitt-style



Connection diagram



Time diagram



Available time ranges

0.1 - 1 s 0.3 - 3 s 0.6 - 6 s 1 - 10 s 3 - 30 s 6 - 60 s 10-100 s

Contact specifications

Contact material	Ag
Number & configuration	4CO
Rated continuous current (AC1, IEC 60947)	10A
Max. make current	16A
Max. switching voltage AC / DC	250V / 440V
Min. switched current/voltage mA / V	10 / 12
Insulation between contacts	1kV, 50Hz, 1 min

Coil specifications

Nominal voltage (Un DC)	24 ... 220 VDC
Nominal voltage (Un AC)	24 ... 220 VAC
Power consumption	1 ... 9W (model depending)
Operating range	0,8 ... 1,2 Un

Technical data

Mechanical life cycles	30x10 ⁶
Dielectric strength, coil-contact	2000 VAC
Isolation class	C 380
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	270 gram
Dimensions	45 x 55 x 89 mm (incl. knob)
Protection category	IP 40

Options Remarks

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

Standard types

TDE4-024-xx	24 VAC/DC
TDE4-048-xx	48 VAC/DC
TDE4-060-xx	60 VAC/DC
TDE4-110-xx	110 VAC/DC
TDE4-125-xx	125 VAC/DC
TDE4-220-xx	220 VAC/DC

xx= time range

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