

Industrial relays

Time

TDE3



Delay off 10A 3CO

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

- Plug in
- 3CO contacts
- DC and AC coil
- LED indicator 2x (power / energized)
- Cadmium free contacts
- 'Smitt-style' pinning with integrated retaining clip silver plated
- Adjustable with a lockable knob

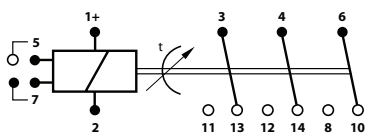
Standards

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

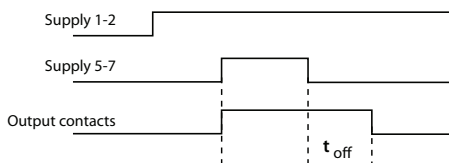
Pin arrangement Smitt-style



Connection diagram



Time diagram



Standard types

TDE3-024-xx	24 VAC/DC
TDE3-048-xx	48 VAC/DC
TDE3-060-xx	60 VAC/DC
TDE3-110-xx	110 VAC/DC
TDE3-125-xx	125 VAC/DC
TDE3-220-xx	220 VAC/DC

xx= time range

See ordering scheme page 52

For more types check your local sales office

Available time ranges

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

Contact specifications

Contact material	Ag
Number & configuration	3CO
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	2,2W / -
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	50 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

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

Socket examples



V21 Rail mounting socket
art.no. 338 000 200



V23 Rail mounting socket
art.no. 338 000 400



V25 Rail mounting socket
art.no. 338 300 200

See page 50 for more sockets & accessories