



TE/DER

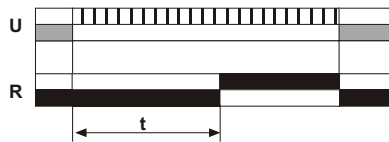
overview



- ◆ single or dual supply voltage options
- ◆ SPCO or DPCO output relay
- ◆ 6 selectable time ranges
- ◆ LED indicators for power supply and contact
- ◆ 22.5mm DIN rail mount housing or 11pin plug in housing

On delay

- Supply voltage on
- Supply voltage off
- Output relay contact closed
- Output relay contact open

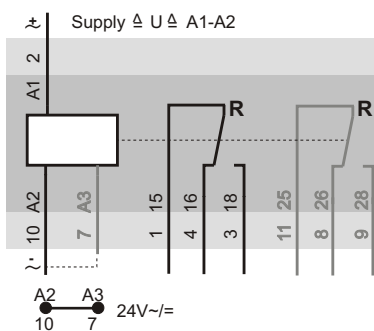


Remove supply voltage before making any changes to either time range or timing function.

Time ranges

- 0,1s-1,0s
- 1,0s-10s
- 0,1min-1,0min
- 1,0min-10min
- 0,1h-1,0h
- 1,0h-10h

The required delay time within the range selected is set using the potentiometer on the front plate



specification

supply voltage variation	nominal voltage +10% / -15%	
frequency range	48 - 63 Hz	
max. delay time	100%	
repeat accuracy	< 1% of the selected range	
relay type	1	2
output relay spec	230V~	6A 10A
le AC-15*	120V~	4A 5A
le AC-15*	240V~	3A 4A
le DC-13*	24V=	2A 4A
expected life time	DPCO	SPCO
mechanical	2 x 10 ⁶	1 x 10 ⁷
electrical	1 x 10 ⁵	1 x 10 ⁵
operating conditions	-20 to +60 °C non condensing	

* EN 60947-5-1 VDE 0435

ordering information

part no	supply	output	relay type		housing types
TE01	230V~ / 24V~=	6VA / 1W	DPCO	yes	B
TE04	115V~ / 24V~=	6VA / 1W	DPCO	yes	B
DER230	230V~ / 24V~=	6VA / 1W	SPCO	yes	A
DER115	115V~ / 24V~=	6VA / 1W	SPCO	yes	A
TE12	230V~	6VA	SPCO	yes	A
TE13	24V~=	1W	SPCO	yes	A
TE15	115V~	6VA	SPCO	yes	A
TE41	230V~ / 24V~=	6VA / 1W	DPCO	no	G
TE42	230V~ / 24V~=	6VA / 1W	SPCO	no	G
TE71	230V~ w. transf.	2VA	DPCO	no	G

other voltages on request