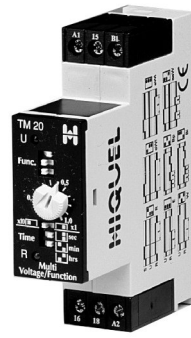
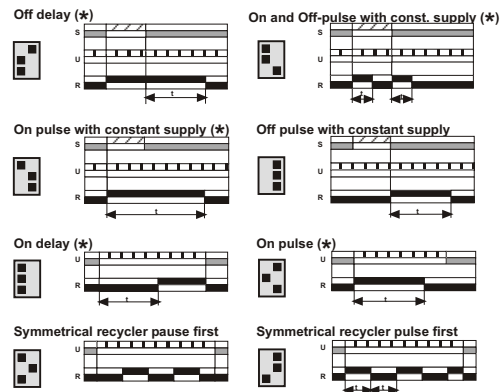


- ◆ single, dual, multi & zoom supply voltage options
- ◆ 8 timing functions selected by dip switch
- ◆ SPCO or DPCO output relay
- ◆ 6 selectable time ranges
- ◆ LED indicators for power supply and contact
- ◆ 22.5mm DIN rail mount housing or 11pin plug in housing



Multifunction

- Starting contact S on B1 closed
Starting contact S on B1 open
- Supply voltage(U) on
Supply voltage(U) off
- Output relay contact closed
Output relay contact open



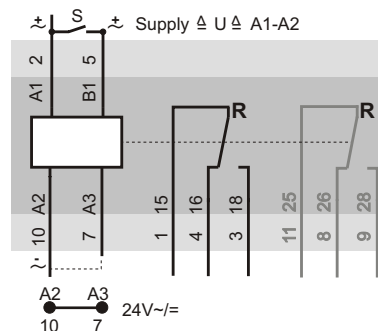
Remove supply voltage before making any changes to either time range or timing function.

(*) available T3F functions

Time ranges



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%			
	TM16 +10% / -10%			
	TM20, TM21, TM81, TM82 +5% / -10%			
supply selection	TM16/T3F selectable by a switch			
frequency range	48 - 63 Hz			
duty cycle	100%			
repeat accuracy	< 1% of the selected range			
relay type	1	2	3	
output relay spec	230V~	6A	12A	10A
le AC-15*	120V~	4A	2,5A	5A
le AC-15*	240V~	3A	2,5A	4A
le DC-13*	24V=	2A	2,0A	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	c RU [®]	housing type
TM01	230V~ / 24V~=	6VA / 1VA	DPCO	yes	B
TM16	115 - 230V~ / 24V~=	6VA / 1VA	SPCO	no	A
TM20	24 - 240V~=	2VA	SPCO	yes	A
TM21	24 - 240V~=	2VA	DPCO	yes	B
TM41	230V~ / 24V~=	6VA / 1VA	DPCO	no	G
TM42	230V~ / 24V~=	6VA / 1VA	SPCO	no	G
TM71	230V~ w. transformer	1,5VA	DPCO	no	G
TM72	230V~ w. transformer	1,5VA	SPCO	no	G
TM81	24 - 240 V~=	2VA	DPCO	no	G
TM82	24 - 240 V~=	2VA	SPCO	no	G
T3F*	115 - 230V~ / 24V~=	6VA / 1VA	SPCO	no	A

other voltages on request

