TA

overview

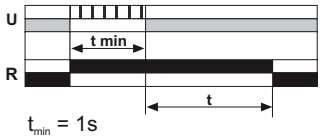
- **single or dual supply voltage options**
- **SPCO or DPCO output relay**
- **4 selectable time ranges 1s - 3m**
- **LED indicators for supply voltage and relay status**
- **22.5mm DIN rail mount housing or 11pin plug in housing**



True off delay

Supply voltage on
Supply voltage off

Output relay contact closed
Output relay contact open



t_{min} = 1s

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

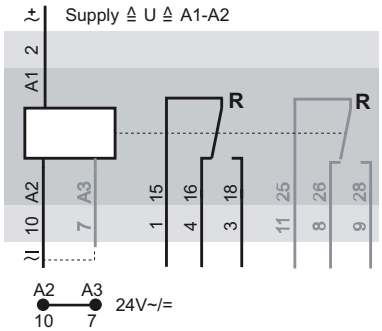
On the application of the supply voltage the output relay pulls in. When the supply voltage is removed the output relay remains pulled in and time delay ***t*** commences.
At the end of the time delay the output relay drops out and the time relay resets ready for the next timing cycle.
If the supply voltage is reapplied during time ***t***, time ***t*** will not time out and the output relay wil remain pulled in until the supply voltage is removed for a time longer than ***t***.

Time ranges



1,0s-10s	3,0s-30s	0,1min-1min	0,3min-3min

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	
duty cycle		100%	
repeat accuracy		< 1% of the selected range	
relay type		4	5
output relay spec.	230V~	8A	5A
le AC-15*	120V~	5A	4A
le AC-15*	240V~	5A	3A
le DC-13*	24V=	4A	3A
expected life time		DPCO	SPCO
mechanical		2 x 10^6 resp.	1 x 10^7 operations
electrical		1 x 10^5 resp.	1 x 10^5 operations
screws		pozidrive 1	
screw tightening torque		0,6..0,8Nm	
operating conditions		-20 to +60°C non condensing	

* EN 60947-5-1 VDE 0435

ordering information

part no	supply		output	relay type	cULus	housing types
TA01	230V~ / 24V~=	6VA / 1W	DPCO	5	yes	B
TA02	230V~	6VA	SPCO	4	yes	A
TA03	24V~=	1W	SPCO	4	yes	A
TA04	115V~ / 24V~=	6VA / 1W	DPCO	5	yes	B
TA05	115V~	6VA	SPCO	4	yes	A
TA41	230V~ / 24V~=	6VA / 1W	DPCO	5	yes	G
TA42	230V~ / 24V~=	6VA / 1W	SPCO	5	yes	G
TA71	230V~ w. transf.	2VA	DPCO	5	yes	G
TA72	230V~ w. transf.	2VA	SPCO	5	yes	G

other voltages on request

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