


Features

- It serves for delay ON of motors star/delta.
- Time t1 (star):
 - time range setting by rotary switch
 - fine time setting by potentiometer.
- Time t2 (delay) between 
 - fine time setting by potentiometer.
- Multifunction red LED flashes or shines depending on the operating status.

RS PRO Timer Relays

0360685



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- It serves for delay ON of motors star/delta.
- Time t1 (star):
 - time range setting by rotary switch
 - fine time setting by potentiometer
- Time t2 (delay) between \wedge Δ
 - time scale 0.1 s - 1 s
 - fine time setting by potentiometer
- Voltage range: AC 230 V, AC/DC 12 - 240 V.
- Output contact: 2x changeover / SPDT 16 A.
- Multifunction red LED flashes or shines depending on the operating status.

Power supply

Supply terminals:	A1 - A2
Voltage range:	AC/DC 12 - 240 V (AC 50 - 60 Hz)
Power input (max.):	2 VA / 1.5 W
Voltage range:	AC 230 V (50 - 60 Hz)
Power input (max.):	AC 3VA / 1.4W
Supply voltage tolerance:	-15 %; +10 %
Supply indication:	green LED

Function

Time scale:	t1: 0.1 s - 100 days, t2: 0.1 s - 1 s
Time setting:	rotaty switch and potentiometer
Time deviation:	5% - mechanical setting
Repeat accuracy:	0.2 % - set value stability
Temperature coefficient:	0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F)

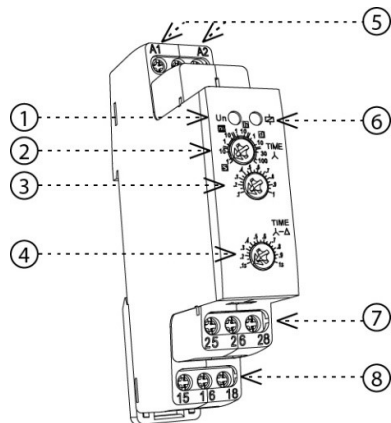
Output

Number of contacts:	2x changeover / SPDT (AgNi)
Current rating:	16 A / AC1
Breaking capacity:	4000 VA / AC1, 384 W / DC
Inrush current:	30 A / < 3 s
Switching voltage:	250V AC / 24V DC
Max. power dissipation:	1.2 W
Output indication:	multifunction red LED
Mechanical life:	10. 000. 000 operations
Electrical life (AC1):	50. 000 operations
Reset time:	max. 150 ms

Other information

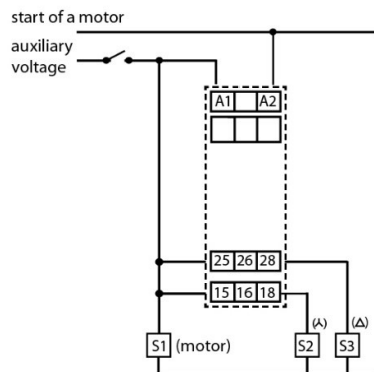
Operating temperature:	-20 °C to 55 °C (-4 °F to 131 °F)
Storage temperature:	-30 °C to 70 °C (-22 °F to 158 °F)
Dielectrical strength:	
supply - output 1	4 kV AC
supply - output 2	4 kV AC
output 1 - output 2	4 kV AC
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP40 from front panel / IP20 terminals
Overvoltage category:	III.
Pollution degree:	2
Terminal wire capacity (mm²):	max.1x 2.5, 2x1.5, with sleeve max. 1x 2.5 (AWG 12)
Dimensions:	90 x 17.6 x 64 mm (3.5 x 0.7 x 2.5 inch)
Weight:	UNI - 78 g (2.8 oz), 230 - 73 g (2.6 oz)
Standards:	EN 61812-1

Approvals

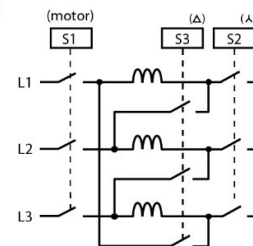


1. Supply indication
2. Time range setting t1
3. Fine time setting t1
4. Fine time setting t2
5. Supply terminals
6. Output indication
7. Output contact 2 (25-26-28)
8. Output contact 1 (15-16-18)

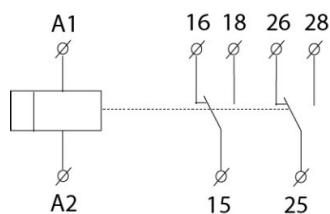
Connection



start up of motor (λ-Δ)



Symbol



Symbol

STAR / DELTA starter

