MURR ELEKTRONIK
stay connected

Multi-mode Relay Timers

Overview

Murrelektronik Multi-mode Relay Timers are for use in industrial applications such as control engineering, automation, signal and industrial installations.

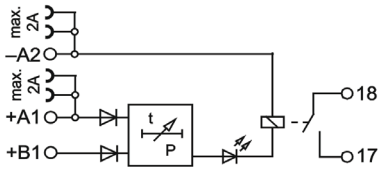
Features

- 35mm DIN-rail mount
- Slim 6.2mm design
- Time ranges from 0.1 to 300 secs
- Status Indicator Green LED - Relay energized
- DC voltage
- Lexan 920 housing material

52350

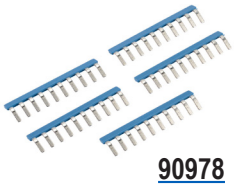
Multi-mode Relay Timers					
Part Number	***Price***	***Timing Range***	***Operating Voltage***	***Output Type***	***Drawing Link***
52350	$33.50	0.1–300 seconds selectable	24 VDC	(1) SPST timed relay	PDF

Wiring Diagram

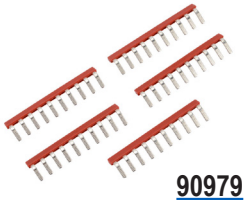


Interface Relays Accessories		
Part Number	***Price***	***Description***
90963	$9.75	Murrelektronik interface relay jumper, push-in type, 2-pole, gray. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.
90978	$23.00	Murrelektronik interface relay jumper, push-in type, 10-pole, blue. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.
90979	$31.00	Murrelektronik interface relay jumper, push-in type, 10-pole, red. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.

90963



90978



90979

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Multi-mode Relay Timers Specifications

Multi-mode Relay Timers Specifications	
Input Specifications	
Nominal Voltage	24 VDC
Operating Voltage Range	24 VDC (+10% – 15%)
Trigger Voltage	24 VDC +10% -15% 20.4 - 26.4 VDC 0-Signal/acc. to DIN 19240: < 5V / approx. 0.6 mA 1-Signal/acc. to DIN 19240: > 13V / approx. 7 mA
Power Consumption	<16 mA at 24V
Contact Specifications	
Type	SPST
Material	Silver Tin Oxide (Ag Sn 02)
Operate Time	8 ms maximum
Release Time	10 ms maximum
Bounce Time	2 ms
Wire Size Max	14 AWG (stranded) / 12 AWG (solid)
Max Ratings	6A/250 VAC, 1500 VA
Minimum Load	6 VDC 0.1 A
Mechanical Life Time	2×10^7 Switching cycles
Electrical Life Time Operations	230 VAC / 6A 8×10^4 Switching cycles 24 VDC / 2A 8×10^4 Switching cycles 26 VDC / 15mA 3×10^5 Switching cycles
Time Circuit Specifications	
Time Ranges	0.1 ~ 1.2 sec, 0.4 ~ 5 sec, 3.5 ~ 40 sec, 30 ~ 300 sec
Setting Accuracy	≤ 10% of final value
Repeat Ready Time	≤ 5 ms
Repeat Accuracy	≤ 0.2% of final value
Minimum Switch On Time	≥ 100 ms
Minimum Trigger Time for Switch-off Delayer	0.5 ms
Temperature Coefficient	± 250 ppm of final value over temperature range
General Specifications	
Connection	Screw terminal (M3)
Tightening Torque	0.2 N·m (+0.1)
Ambient Temperature	-25 to +60°C [-13 to +140°F]
Storage Temperature	-40 to +80°C [-40 to +176°F]
Protection Rating	IP20
Mounting Position	35mm DIN-rail
Relay Indicator LED	Green
Weight (g [oz])	35.0 [1.23]
Agency Approvals and Standards *	CSA 1252427, cURus E140415, CE

*** To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.**