17.5mm DIN Rail Timer

642SQ-A



DIN 17.5mm

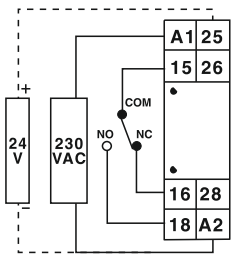
Features :

- ON delay / Interval
- 8 Time ranges
- Dual supply voltage
- LED indications : Power ON, Relay ON
- Finger safe terminals

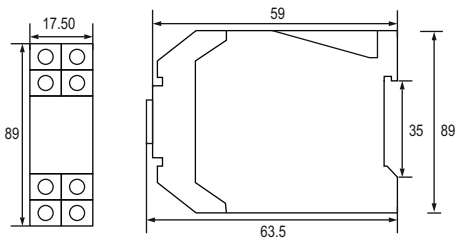
Technical specifications

Display specifications	
LED Indications	Power ON, Relay ON
Input specifications	
Accuracy	Setting:±5% of F.S. , Repeat: ± 0.5% or 50msec (F.S. = Full scale), Pause time : ± 5% or ± 5msec
Output Specifications	
Relay contact	1 C/O SPDT
Contact rating	5A @250V AC, 24V DC
Functional specification	
Modes	ON delay / Interval
Time ranges	0 - 3sec / min, 0 - 10sec / min, 0 - 30sec / min, 0 - 60sec / min
Resolution	0.3sec
Reset	ON power interruption Reset time <100msec
Auxiliary supply specifications	
Supply voltage	230V AC (50/60 Hz), 24V AC/DC
Power consumption	6VA max
Environmental specification	
Temperature operating	0 °C to 50 °C (32 °F to 122 °F)
Storage	-20 °C to 75 °C (-4 °F to 167 °F)
Humidity (Non - condensing)	95% RH
Mechanical specifications	
Mounting	DIN Rail
Weight	115 gm

Terminal connections

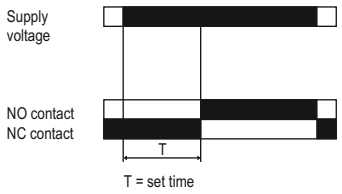


Dimensions (All are in mm)

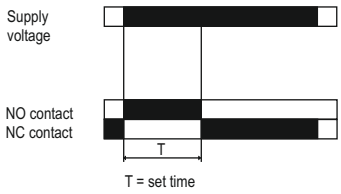


Timing diagram

Function : ON delay (A)



Function : Interval (B)



DIP Switch setting

3 Sec - ON Delay	3 Sec - Interval	3 Min - ON Delay	3 Min - Interval
10 Sec - ON Delay	10 Sec - Interval	10 Min - ON Delay	10 Min - Interval
30 Sec - ON Delay	30 Min - Interval	30 Sec - Interval	30 Min - ON Delay
60 Sec - ON Delay	60 Min - Interval	60 Sec - Interval	60 Min - ON Delay



Ordering information

Product code	Supply voltage	Certification
642SQ-A	230V AC, 240V AC/DC	---