


## || DQR PLUS: STAR-DELTA TIMER ||

### Features:

- Wide adjustable time range 3-120 Sec.
- Three different voltages 110 V AC, 240 V AC & 240-415 V AC
- No more failure of contactors during star delta changeover - pause / transition time of 60ms.
- Large dial for easy and accurate time setting
- DIN Rail mounted
- CE approved
- RoHS Compliance
- EMI/EMC-as per standard IEC61812



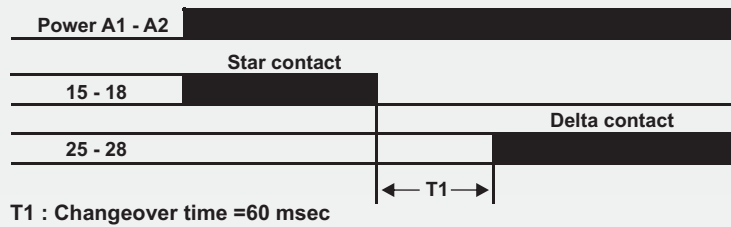
### Specification:

Features	Specifications
Supply Voltage	240 - 415VAC +/- 15%
	240V AC +10%/- 20%
	110V AC +10%/- 20%
Time Range	3 sec to 120sec
Setting Accuracy	±5% of Full Scale
Repeat Accuracy	±1%
Pause Time	60ms +/- 10%
Resetting Time	100ms
Relay Output	1 C/O for Star, 1 C/O for Delta
Contact rating	5A @ 240Vac/24Vdc
Electrical Life	1 x 10 <sup>5</sup> operations
Mechanical Life	1 x 10 <sup>7</sup> operations
Temperature	-10 to 55°C
Dimension WXHXD	48 X 70 X 76 mm
Weight	126gm
Mounting	DIN RAIL
Certification	CE & 
Protection	IP20
EMI/EMC	As per IEC61812

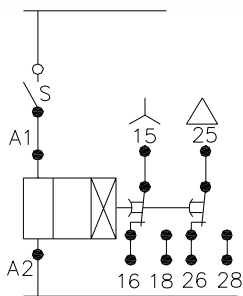
## Ordering Information:

Cat code	Proposed Description
SDTP00100	Star Delta Timer, DQR Plus, 240V AC, 3 - 120Sec
SDTP00200	Star Delta Timer, DQR Plus, 110V AC, 3 - 120Sec
SDTP00000	Star Delta Timer, DQR Plus, 240 - 415V AC, 3 - 120Sec

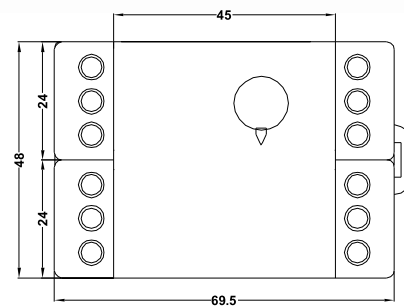
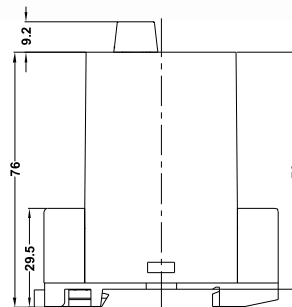
## Timing Diagram:



## Connection Diagram:



## DIN RAIL MOUNTING



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