



## Features:

- Star Delta
- 2 Time Ranges
- LED Status Indicator: Star Relay ON, Delta Relay ON
- DIN Rail / Back Panel Mount
- Finger Safe Terminals

Size: DIN 22.5mm

Certifications:

## Technical Specifications

### Input Specifications

Accuracy	Setting: $\pm 5\%$ of F.S. Repeat: $\pm 0.5\%$ or 50 msec (F.S. = Full Scale)
Reset	On interruption of power; Reset time < 100 msec

### Output Specifications

Output Contact	SPDT (1 C/O ) relay each for star & delta
Contact Rating	5A @ 230V AC

### Functional Specifications

Modes	Star-delta
Time Ranges	Runup time range: 0 - 30 sec, 0 - 60 sec Change Over: 50 msec (fixed), 100 msec (fixed)

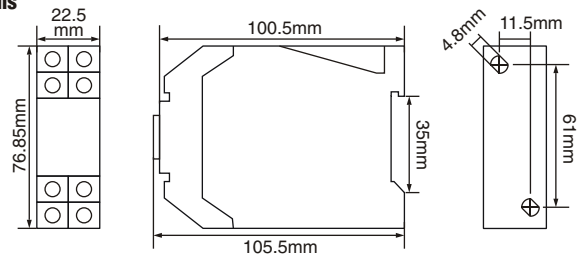
### Supply Voltage

Supply Voltage	230V AC / 110 / 415V AC (50 / 60Hz) -15% to 10% tolerance
Power Consumption	10VA max

### Environmental Specifications

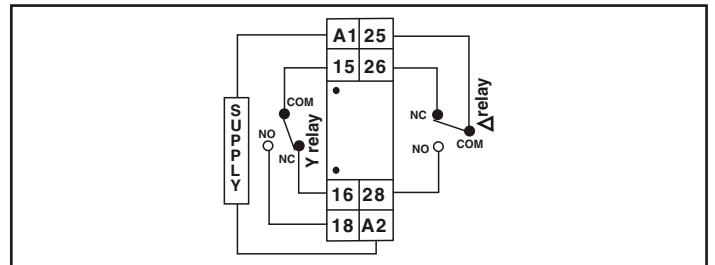
Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: -20 to 75°C (-4 to 167°F)
Humidity (non-condensing)	95% RH
Weight	90 gms (0.242 lbs)
Protection Level	IP50 for faceplate IP40 for housing IP20 for terminals

### Dimensions



Symmetrical 35mm Din Rail (EN50022) Mounting

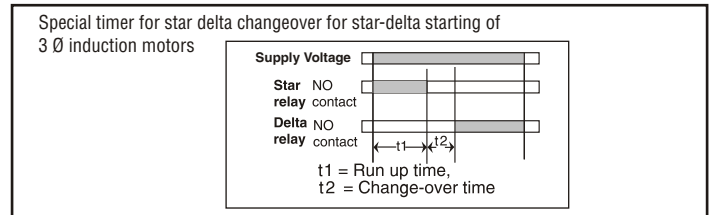
### Terminal Connections



Cable Size (AWG): 16 ; Tightening Torque (Lb-inch): 4.5

Cable Size (mm<sup>2</sup>): 1.5 ; Tightening Torque (N-m): 0.5

### Timing Diagram



## Ordering Information

This product is available in certified (UL and CE) as well as in non-certified (without UL/CE marking) types. Please order as per the requirement.

Part No.	Supply Voltage			Certification
	230V AC	110V AC	415V AC	
800SD-2-230	■			
800SD-2-110		■		
800SD-2-415			■	
800SD-2-230-CU	■			■
800SD-2-110-CU		■		■