Star Delta Timer



Features:

- Star Delta
- 2 time ranges
- LED indication for star & delta relay
- Din rail mount



Advantages:

- Automatic compensation for variations
- Easy adjustment in desired automation
- ▶ Reduction in inventory cost (up to 80%)
- Easy switching reliability
- High mechanical endurance of operation ensures trouble free operation

Applications:

- Control panel
- Feeders / Motors
- Generator
- Transformer
- ► Electrical distribution

Input Specifications

Accuracy $\pm 5\%$ of full Scale Repeatability $\pm 0.5\%$ or 50ms

Reset < 100 m Sec on Interruption of power

Output Specification

Output Contact SPDT (1 C/O for star & delta)

Contact Rating 5A/230V AC/28V DC

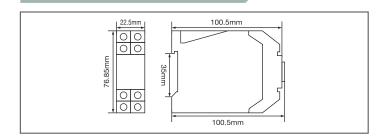
Functional Specification

Run up Time 0-30 sec

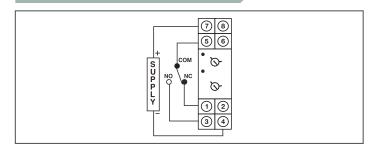
0-60 sec

Change Over Time 50/100 msec (Fixed)
Led Indication Star and Delta relay

Modes Star - Delta



Order Code



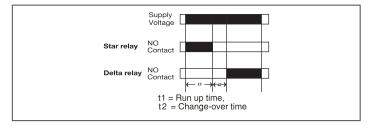
Supply Voltage

Auxiliary Supply 230V AC & 24V AC/DC

415V AC & 24V AC/DC

Supply Frequency 50/60 Hz

Timing Diagram



Environmental Specifications

Operating Temperature -10°C to 55°C Storage Temperature -20°C to 75°C

Humidity < 95% RH (non-condensing)

Mechanical Specifications

Weight 120 g

Mounting DIN Rail (35 mm)/ 2x m4 screw Dimension 22.5x77x105 mm (WXLXH)

Ordering Information

Ordering Code	Description
VIPS 99SD	Star delta timer