



DIN 22.5mm

22.5mm Din Rail Timer TSD818

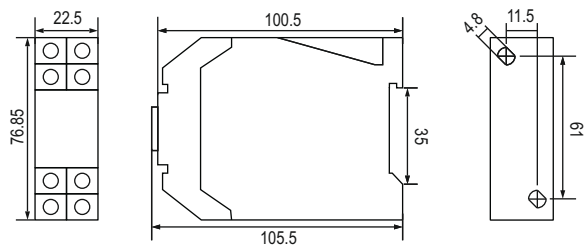
Features

- ▶ Star delta
- ▶ 2 time ranges
- ▶ LED indications: Star relay ON, Delta relay ON

Applications

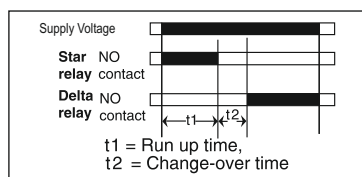
- ▶ Electric motor
- ▶ Industrial conveyor system
- ▶ Air compressor
- ▶ Material handling equipment
- ▶ HVAC system
- ▶ Pump starter panel
- ▶ Motor control

Dimensions (All are in mm)

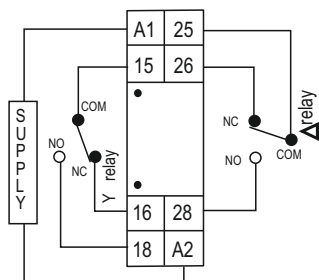


Timing diagram

Special timer for star delta changeover for star-delta starting of 3 Ø induction motors



Terminal connection



Technical specifications

LED specifications	
No. of LED	1
LED indication	Star relay ON, Delta relay ON
Input specifications	
Accuracy	Setting: $\pm 5\%$ of F.S., Repeat: $\pm 0.5\%$ or 50m sec (F.S.= Full scale)
Output specifications	
Relay contact	1C/O Relay each for star & delta
Contact rating	5A @250V AC/24V DC, Resistive
Functional specifications	
Modes	Star-delta
Time ranges	Runup time range: 30/60 sec, Change over: 50/100msec (User selectable via DIP switches)
Reset	ON power interruption, Reset time <100 msec
Auxiliary supply specifications	
Supply voltage	230V AC (50/60 Hz) -15% to 10% tolerance
Power consumption	10VA max
Environmental specifications	
Temperature	Operating : 00 to 50 °C (32 to 122 °F) Storage : -20 to 75 °C (-4 to 167 °F)
Humidity (non - condensing)	Upto 95% RH
Mechanical specifications	
Mounting	DIN rail
Weight	115 gm

Ordering information

Product code	Supply voltage
TSD818	230V AC