



DESCRIPTION

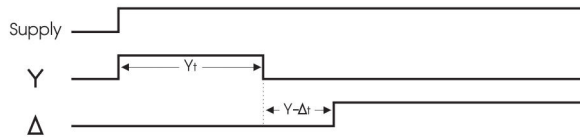
- Is a Star Delta Timer for Start Motor
- Can set the delay time from 0.3 - 120 seconds
- Pause Time from 100 - 1,000 mSec. For space between Star and Delta.
- Can use both AC and DC Supply.
- Is small, compact Easy to install on DIN RAIL
- With LED indicating the working status of Star and Delta

OPERATION

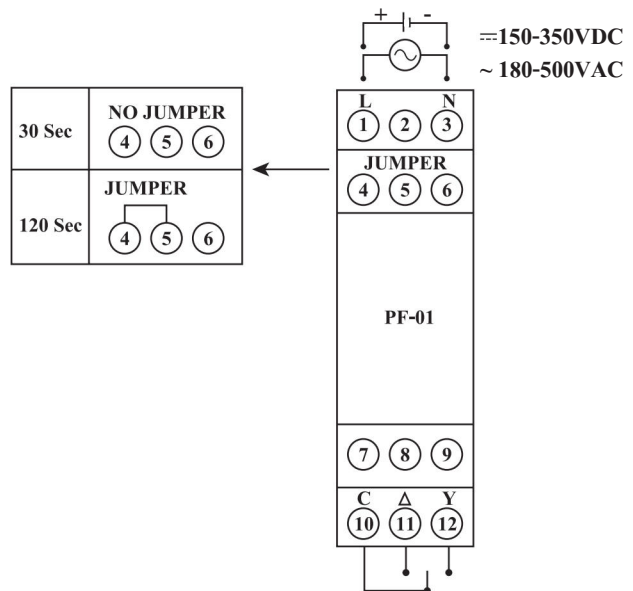
1. PF - 01 is a Star Delta Timer for start motor in 3 phase system to help reduce peak current during the motor start turning . Causing the current used in the Start Motor to not exceed the limit of the Lock Rotor current or to help prevent electric shocks during the Start Motor in the event that the Motor is large

When supplying power to the PF - 01 Relay of the Star (Y) relay, it will work first. At the end of the set time (Yt), the Relay of the Star (Y) set will stop working and delay according to the Pause Time (Y-Δt) to leave the distance between Magnetic Contractors between Star and Delta. When the Pause Time (Y-Δt) is completed .The Relay of the Delta (Δ) series will work

PF - 01 can select the working time of 2 Ranges, which is 0.3 - 30 Sec and 1 - 120 Sec. By connecting the jumper



WIRING DIAGRAM



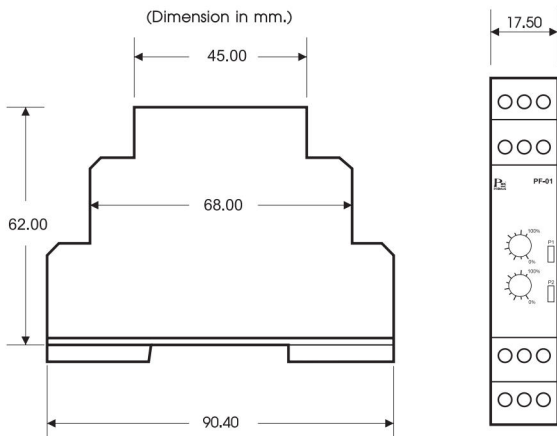
WARNING

- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

TECHNICAL SPECIFICATION

| | |
|-------------------------------------|----------------------------------|
| <u>Power Supply and Measurement</u> | |
| Operating Voltage (Un) | 150-350 VDC 180 - 500 VAC |
| Operating Frequency | 50 - 60 Hz |
| Power Consumption | < 3VA |
| <u>Delay</u> | |
| Star Delay Time | 0.3-30 Sec, 1-120 Sec Adjustable |
| Pause Time | 100 - 1,000 mSec Adjustable |
| <u>Output</u> | |
| Relay Output Type | 2x Form C (SPDT) |
| Maximum rating | 5A 250Vac / 5A 30Vdc |
| <u>Environment</u> | |
| IP Protection class | IP20 |
| Operating temperature | 0 - 60 °C |
| Operating humidity | 10 - 85% RH |
| Connection | DIN RAIL Mounted |
| Enclosure | ABS-V0 (UL-94 V0) |
| Size (mm.) | 62 x 17.50 x 90.40 |
| Weight | 62 g. |

DIMENSION



ORDERING CODE

PF - 01