

Auto Switch

SPPT Auto switch

Features

- Protection from single phasing, reverse phase sequence & phase unbalance.
- On time delay: 35-45Sec in Auto mode & 3-5Sec in Manual mode.
- Pre-wired terminals for controlling DOL starter, Star-Delta Starter.
- Color coded wires for easy wiring.
- Mode of operation: Delayed reset & normal reset.
- 1C/O(C-NO) 5A rated relay output

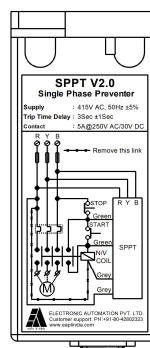
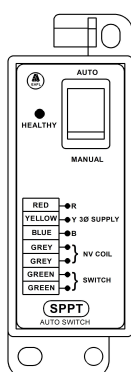


Ordering Information

Model	Function	Input Voltage	Output Voltage
SPPT Auto switch	Single Phase preventer, Reverse Phasing, Phase Unbalance with Auto Reset Facility.	415V AC 3phase, 3 wire, Self powered	1 c/o, 5A resistive

Front View

Side View



Over-all Dimension

Models	Dimension Details in mm			Cutout Dimension in mm	
	W	H	D	W	H
SPPT Auto switch	34	101	82	NA	

■ Specifications

Model	SPPT Auto switch
Function	Single Phase Preventer, Reverse Phasing, Unbalance Auto- Reset Supply.
Rated supply Voltage	415V AC, 50Hz \pm 5%
Operating Voltage range	200-450V AC 3 Phase
Output Relay contact	1C/O(C,NO)
Output Contact Rating	5A @ 250 VAC /30VDC(NO)
Unbalance Trip setting	50V \pm 10VAC
Trip Time Delay (for Unbalance)	3sec \pm 1sec
Mode of Operation	Auto / Manual Reset
On delay time	35-45Sec (Auto mode)
Recovery time	100mSec minimum
Mode of Operation	Auto / Manual
Recovery Time	100msec Min.
Ambient Temperature	Operation: -10° C to +55° C Storage : -25° C to +80° C
Humidity	MAX 85% RH @ 40° C
Service life (under no load)	10 ⁶ operations minimum
Electrical life (under full load)	10 ⁵ operations minimum
Rated frequency of operation	1800 \pm 5% operations per hour max.
Insulation resistance	>100M ohms @ 500V DC
Dielectric strength	01) 2.5KV AC, 50Hz for 1 minute. (Between current carrying & Non-current carrying parts) 02) 1.5KV AC, 50Hz for 1 minute. (Between contacts & Control Circuit) 03) 750V AC, 50Hz for 1 Minute)(Between non-continuous contacts of the relay)
Dimension	34X101X82mm (W x H x D)