

## TECHNICAL DATA SHEET FOR AUTO SWITCH-7

### INTRODUCTION:

Minilec offers a range of products for protection of water pumps used by farmers. These are primarily to monitor incoming 3-phase supply for Single Phasing, Reverse Phasing and Unbalanced supply and stop the pump in case of any fault. Additional features in some models include auto restarting.

**Star Delta Changeover :** An additional timer (7 Sec,  $\pm$  2 sec.) is provided for automatic star to delta changeover for the oil immersed Semi - Automatic Star Delta Starter.

#### Features :

- \* Single phasing, reverse phasing, unbalanced supply
- \* On time delay 1 Minute  $\pm$  15 sec. (fixed)
- \* Star Delta Changeover Timer
- \* Auto-Manual switch built-in on front
- \* Suitable for any HP/kW rating pumps
- \* Pre-wired terminals for easy connections

### APPLICATIONS:

- \* Pump sets at Farms, Rivers, and Wells.
- \* Agricultural Pump DOL Starters
- \* Agricultural Pump Star Delta Starter



**AUTO SWITCH-7**

**minilec®**

#### TECHNICAL SPECIFICATIONS:

1. SUPPLY VOLTAGE	380-415VAC, $\pm$ 20%
2. UNBALANCE TRIP SETTING	50V $\pm$ 10VAC
3. TRIP TIME DELAY FOR UNBALANCE	4 SEC + 2 SEC
4. ON TIME DELAY	1 MINUTE $\pm$ 15 SEC.
5. STAR-DELTA CHANGEOVER TIME DELAY	7 SEC $\pm$ 2 SEC
6. RESETTING	AUTO RESET
7. AUTO SWITCH	PRESENT
8. ENCLOSURE	ABS
9. DIMENSIONS (mm) OVERALL (mm) MOUNTING	102 X 35 X 81 90 mm CENTRE TO CENTRE
10. MOUNTING	PANEL MOUNTING
11. WEIGHT	300gms. (APPROX.)
12. OPERATING CONDITIONS TEMPERATURE HUMIDITY	-5 DEG C TO + 60 DEG C UPTO 95% RH

#### CONNECTION DIAGRAM.

