

 **PUMP STARTER PANEL**

## SINGLE PHASE STARTER PANEL



CONTACTOR MCB PANEL (V3, V4)



MCB PANEL (Openwell Submersible)

### FEATURES

- **Product Range** : 0.5 to 5 Hp
- Electro mechanic Control Panel Direct Start
- Power Supply 1~, 220V AC
- Volt meter, Ammeter, Indicating lamp(Motor ON)
- Run and Start capacitor
- Overload protection
- Contactor with thermal overload relay resetable

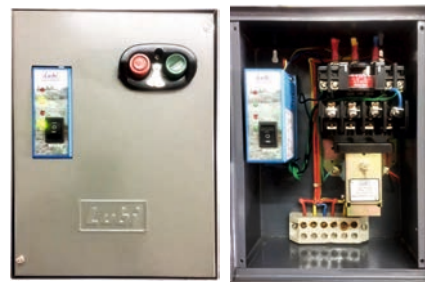
### BILLS OF MATERIAL

| Sr.No | Description               | Qty. |
|-------|---------------------------|------|
| 1     | 2 Pole Contactor 20A      | 1    |
| 2     | 2 Pole Overload Relay     | 1    |
| 3     | Run Capacitor             | 1    |
| 4     | Start Capacitor           | 1    |
| 5     | Analogue Volt meter       | 1    |
| 6     | Analogue Ammeter          | 1    |
| 7     | Start/Stop Push Button    | 1    |
| 8     | Indicating Lamp(Motor On) | 1    |
| 9     | MCCB                      | 1    |
| 10    | Switch                    | 1    |

## DIRECT ON LINE & STAR-DELTA STARTER (D.O.L, FASD)



LEDB



AUTOMATIC STARTER



LU TYPE

### FEATURES

- **Product Range** : 0.5 to 30 Hp
- Protection from
  - Single phasing condition
  - Phase reversal condition
  - Phase unbalance condition
- Modes of Operation
  - Auto
  - Manual
  - Bypass
- Auto restart benefit with resettable time ON-Delay
- Compact in dimensions
- Wide range of relay setting & coil voltages
- Standardized accessories & spares available



LEFASDB

### BILLS OF MATERIAL

| Sr. No | Tag No. | Description  | Qty. |
|--------|---------|--|------|
| 1      | K       | Power Contactors   | 1    |
| 2      | OL      | Thermal Overload Relay                                     | 1    |
| 3      | PB1/PB2 | START/STOP Push button                                     | 1    |
| 4      | T       | Single Phasing Preventer with Auto Switch                  | 1    |
| 5      | CAB     | Single Core Flexible Cu. Cables for Power & Control wiring | -    |

## DIRECT ON LINE STARTER PANEL (D.O.L)



LE G6

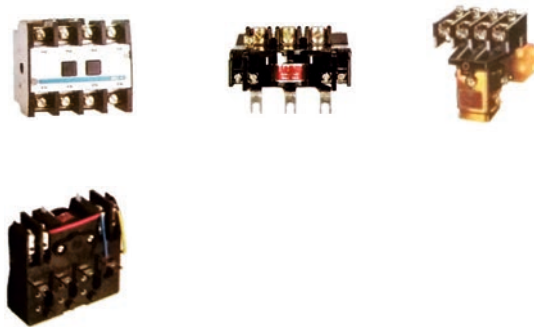


LE G10

### FEATURES

- **Product Range** : 5 to 10 Hp
- Electro mechanic Control Panel Direct Start
- Overload, Single phasing, Phase reversal, Phase imbalance & Auto restart
- Volt meter, Ammeter, Indicating lamps (ON/OFF)
- Vibration proof enclosure

### SPARES



## STAR DELTA STARTER PANEL (STAR-DELTA)



LE G20

### FEATURES

- **Product Range** : 15 to 75 Hp
- Electro mechanic Control Panel Direct Start
- Overload, Single phasing, Phase reversal, Phase imbalance & Auto restart
- Volt meter, Ammeter, Indicating lamps (ON/OFF)
- Vibration proof enclosure

### SPARES







ISO 9001  
CERTIFIED

ISO 14001 / OHSAS18001  
CERTIFIED



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