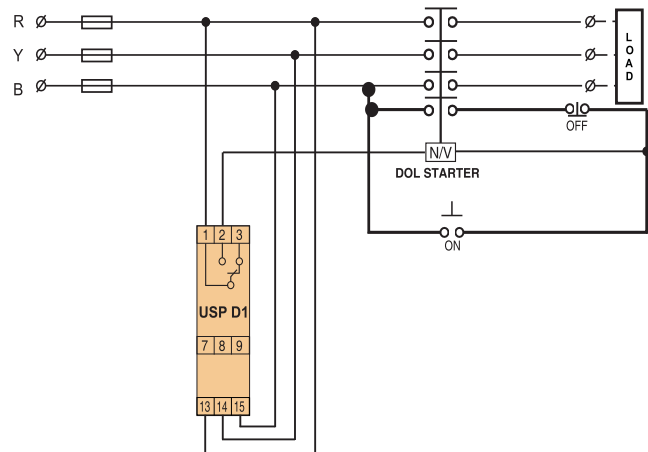


# TECHNICAL DATA SHEET FOR USP D1

**minilec®**



## PHASE FAILURE RELAY

\*Phase Failure, Unbalance,\*Phase Sequence,  
\*Auto Reset, Fixed Unbalance Setting\*1 CO output Relay

### TECHNICAL SPECIFICATIONS:

1. Supply Voltage Auxiliary	415 VAC $\pm$ 20%,50 Hz $\pm$ 3% Built-In
2. Output Contacts	1 CO
3. Trip setting (Volts) Phase Sequence Phase Unbalance	Yes 60 V $\pm$ 6V(fixed)
5. Trip time delay  On SP / UB	3.5 sec. $\pm$ 1.5 sec.
6. Resetting mode	Auto reset
7. Weight	100 gms (Approx.)
8. Dimensions (mm) Overall Mounting (L x W)	76x 30.5x 117.5(L x W x D) 68 mm centre to centre/ 35 mm Rail Mounting

### Suitable for Panels in Following Applications:

\*Agricultural Pump Starters, \*3 Ph. Split AC machines, \*Hoist Motor Control  
\*Valve Actuator Motor, \*Machine Tools, \*Injection Molding M/c

### Our Other Products

Alarm Annunciator, Motor/Pump Protection Relays, EOCR,  
Phase Failure Relay + UV / OV Relays, Voltage/Current/ Frequency/Reverse Power Monitoring Relays,  
Earth Fault/ Leakage Relays, Pump Automation Management system & Controllers, Water Level Controller,  
Electronic Timers, Power Line Transducers (V/I/KW/Multi-function/DC-DC Isolators or Barrier/Temp/Resistance/Tap position etc.),  
Multi-function Meter, Twin Window/Split AC Controller, Bearing temp Monitoring relays(PT-100)