

Features:

- High voltage prevention for all three phase, cut off supply for line voltage above 310V, when voltage is stable reset the axillary.
- Low voltage prevention for all three phase, cut off supply for line voltage below 140V, when voltage is stable reset the tripper.
- Earth leakage set from 3 to 100 mA using white pot.
- Over load ISI MCB 32 /40 /63 Amp.
- Bypass facility for emergency only.
- Supply on, bypass and trip indication.

Application:

The ELCB is disconnect the supply of home, office and industries when detecting the voltage fluctuation, over load and leakage limit cross. It is used to protect home, office and industries safe from leakage, over load and voltage variation.

Precautions:

- Keep device away from direct water fall or rain.
- keep safe from direct sun light.
- make screw tight properly.

Device controlling mode:

- **Auto** : In auto condition of ELCB unit provide all voltage, leakage and load protection.
- **Bypass** : In bypass condition of ELCB the bypass red led is blinking and unit can not protect leakage parameter.
- Slide Bypass switch for switch from auto to bypass or bypass to auto condition.

PRODUCT SPECIFICATION

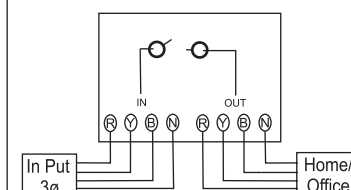
Product code	REDPEL300
Supply Characteristics	
Supply Voltage	415VAC, +-20%
Supply Frequency	47-63 Hz.
Power consumption	4.5VA
DEVICE Characteristics	
High volt protection	310V, and restart auto after voltage below 15 V lower from set point.
Low volt protection	140V, and restart auto after voltage above 15 V higher from set point.

Leakage current	Set from 3 to 100 mA
Over load	32 /40 /63 Amp
Led Indication	Led 1 : red : For Trip
	Led 2 : red : For Trip
	Led 3 : red : For Bypass
	Led 4 : red : For Power On
Output mode	Shunt MCB On / Off
Contact Ratings	4 Pole MCB, 32 / 40 / 63 Amp @ 250VAC,
Electrical life	20,000 Operation
Mechanical life	20,000 Operation
Operating Temperature	-10°c to +60°c
Storage Temperature	10°c to +70°c
Weight Approx.	1.5 Kg.
Relative Humidity	5 to 15% RH (non condensing)
Mounting type	Base mount

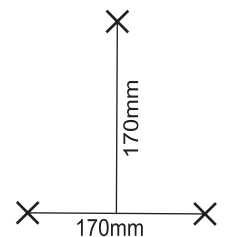
Operation Characteristics

Set Leakage	Connection according to drawing and then put tripping sensitivity full and unit in auto mode, On all home appliances. Then decrease tripping sensitivity using white knob. at level the out put is off put tripping sensitivity some high then it.
Switches test	Test switch is used for test the unit.
Aux Reset	Reset axillary first then mains. to restart supply.
Standard test	As per IS 12640 : 1988. (BS 4293:1983)

CONNECTION DIAGRAM



DRILL DIAGRAM



Specification are subject to change without notice due to continuous improvement

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