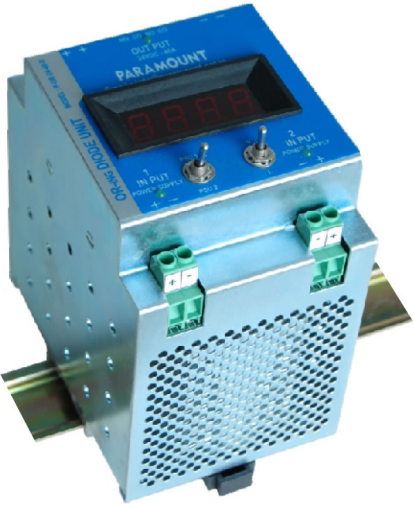


OR-ING DIODE UNIT WITH DIGITAL DISPLAY

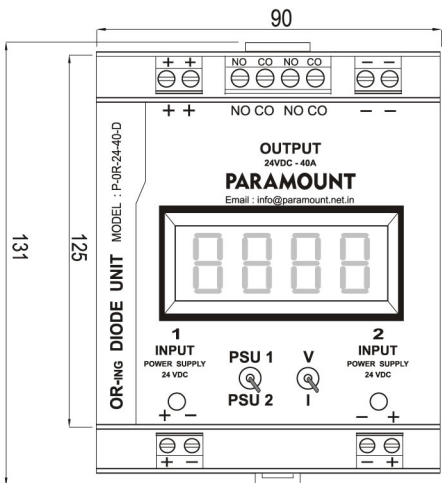
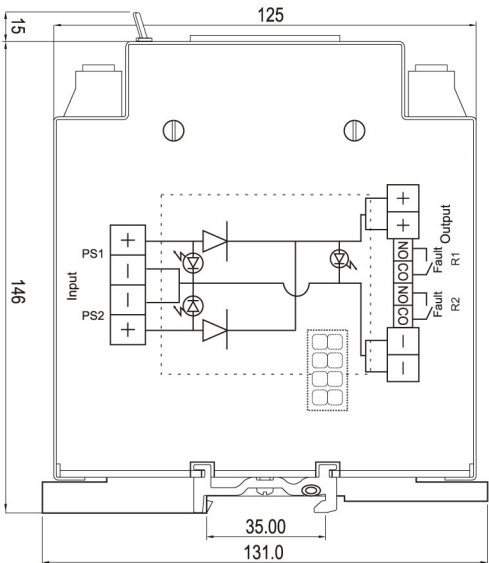
Model No.: P-0R-24-40D



GENERAL INFORMATION

The OR-ING unit combines two or more power sources to create redundant power source preserving the output power supply in case one of the input sources fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. The power supply failure signal is given by relay N/C contact.

DIMENSIONS



SPECIFICATION

Input - 24V DC supply - 2nos. (Standard)

Model No.	Current Rating	Voltage
P-0R-24-40D	40 Amps	24 VDC

Output Current -

Overload - 10% Max.

Drop - 0.65 volts max DC at 40A

Di-Electric Strength - 1KV AC
(between Input / Output to body)

Insulation Resistance - 100 Mega ohm @ 500 VDC min.
(between Input / Output to body)

Working Temperature - 55° C Ambient max.

Indicators :

Digital Display 3 ½ DPM RED LED 18mm
Voltage and current

Change Over Switches 1 Toggle for voltage and current selection
1 Toggle for PSU1 and PSU2

Input Power Supply - 2 green LEDs for each power supply

Output Power Supply - 1 green LED for output

Output - 1N/C Relay Contact one for each power supply
Rated 5Amps@24VDC / 230VAC
in case of failure of any one of the input power supply.

Conductor Cross Section - 0.20 - 6.0 mm² solid
0.20 - 4.0 mm² stranded
AWG 24 - 10

Dimension (LxBxH)mm - 131x90x146

Mounting - 35mm DIN Rail

Weight - 1.5 Kg. Approx.

* Custom built OR ing units can be designed and built to suit the special requirements.