

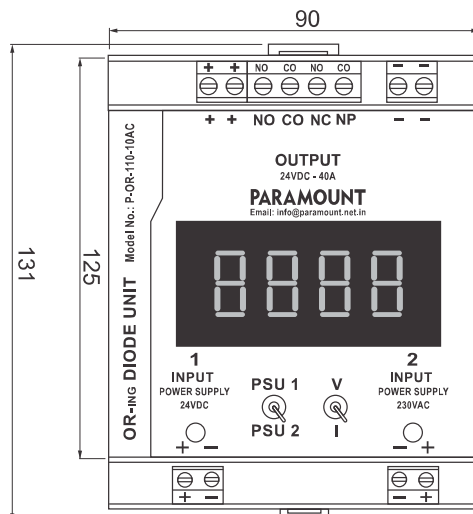
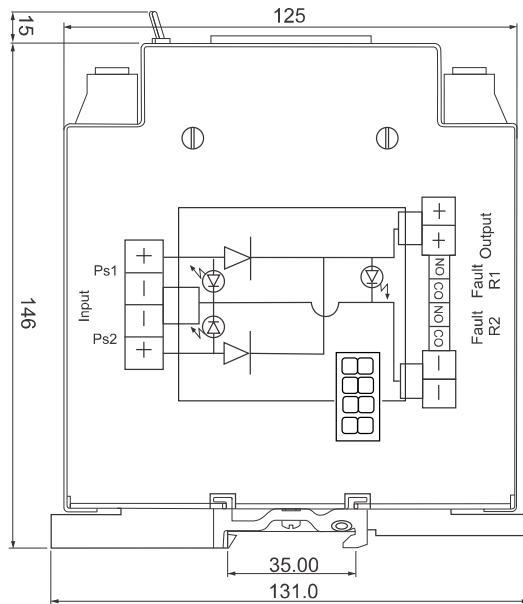
OR-ING DIODE UNIT WITH DIGITAL DISPLAY

Model No.:P-OR-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 source 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. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions in mm.



Specifications

Input	- 24V DC supply -2nos (standard)						
Output current	- <table border="1"> <thead> <tr> <th>Model No.</th> <th>Current Rating</th> <th>Voltage</th> </tr> </thead> <tbody> <tr> <td>P-OR-24-40D</td> <td>40Amps</td> <td>24VDC</td> </tr> </tbody> </table>	Model No.	Current Rating	Voltage	P-OR-24-40D	40Amps	24VDC
Model No.	Current Rating	Voltage					
P-OR-24-40D	40Amps	24VDC					
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 1/2 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 Rated 5Amps @ 24VDC/230VAC in case of failure of the input power supply.						
Conductor cross section	-0.20 -6.0 mm ² solid 0.20 -4.0 mm ² stranded AWG 24-10						
Dimension (LxBxH)mm	- 131 x 90 x 146						
Mounting	-35mm DIN Rail						
Weight	-1.5Kg.Approx						

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

Approvals