



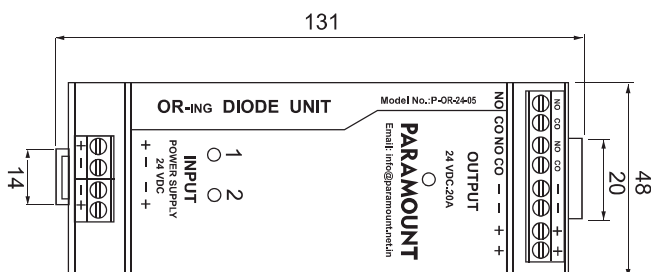
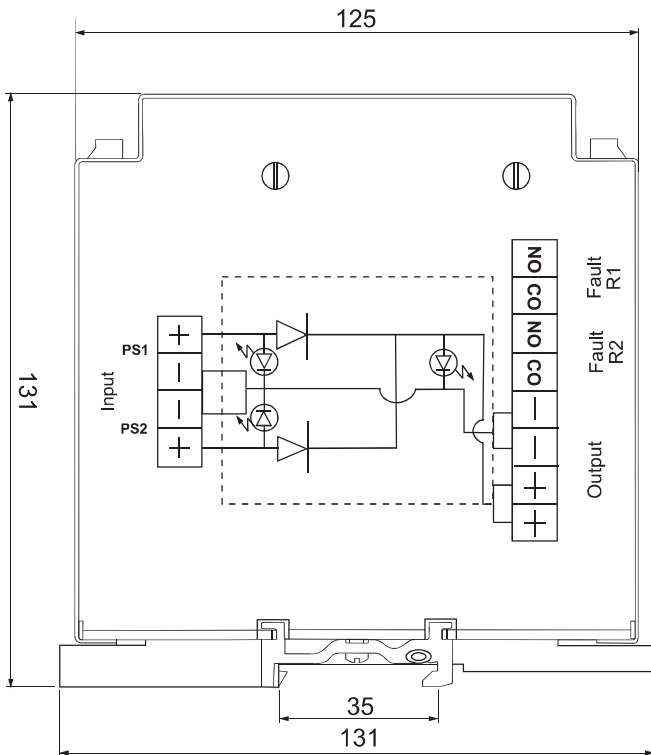
OR-ING DIODE UNIT

Model No. : P-OR-12-20

Model No. : P-OR-24-20

Model No. : P-OR-48-20

Dimensions in mm



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 and bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

SPECIFICATION

Input : 12VDC Supply - 2nos. (standard)
24VDC Supply - 2nos. (standard)
48VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-12-20	20 Amps	12 VDC
	P-OR-24-20	20 Amps	24 VDC
	P-OR-48-20	20 Amps	48 VDC

Overload : 10% Max
Drop : 0.65 volts max DC at 20A
Di-Electric Strength : 1.5 KVAC
(between Input / Output to body)
Insulation Resistance : 100 Mega Ohms @ 500 VDC Min.
(between Input / Output to body)
Working Temperature : 55°C Ambient Max.

Indicators
Input Power supply : 1 Green LED for each power supply
Output Power supply : 1 Green LED for Output
Output : 1 N/C Relay Contact
Rated 5Amps @ 24VDC / 230VAC
in case of failure of any one of the
Input power supply

Conductor Cross Section : 0.20 - 4.0 mm² solid
0.20 - 2.5 mm² Stranded
AWG - 24-12
Dimension : 131 x 48 x 131 (L x B x H) in mm
Mounting : 35 mm Din RAIL
Weight : 1.2 Kgs. Approx
Degree of Protection : IP-40
Efficiency : > 97 %

Approvals

