



## OR-ING DIODE BLOCK SCREW TYPE

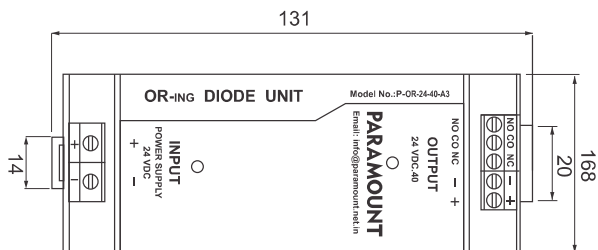
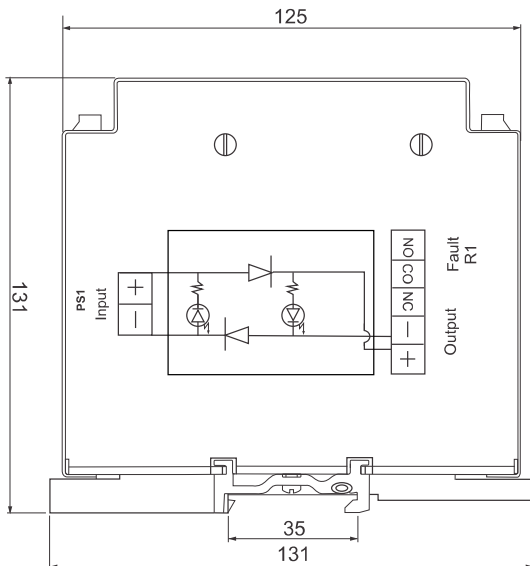
**Model No.: P-OR-24-40-A3**

### 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. The power supply failure signal is given by relay N/C contact

### Dimensions

in mm.



### Specifications

**Input** - 24VDC supply -1no's (standard)

Output current	Model No.	Current Rating	Voltage
	P-OR-24-40-S3	40 Amps	24VDC

**Overload** -10%max.

**Drop** -0.65 volts max DC at 20A

**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** :

**Input power supply** -1 green LED for each power supply

**Output power supply** -1 green LED for output

**output** -1N/C Relay Contact  
Rated 5A @ 24VDC & 5A @ 230VAC in case of failure of any one of the Input power supply

**Conductor cross section** - 0.2-4.0<sup>2</sup>mm solid  
0.2-2.5<sup>2</sup>solid  
AWG 24-12

**Dimension (LxBxH) in mm-** 131 x 68 x 131

**Mounting** -35 mm DIN Rail

**Weight** -1.2 Kgs.

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

### Approvals