



OR-ING DIODE BLOCK DETACHABLE TYPE

Model No.:P-OR-24-05-S1

Model No.:P-OR-24-10-S1

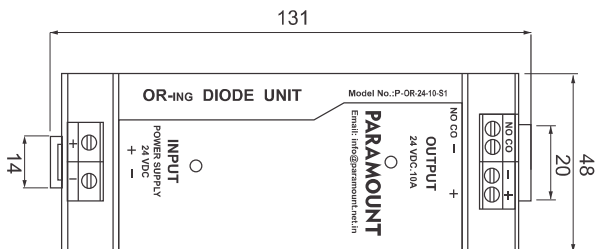
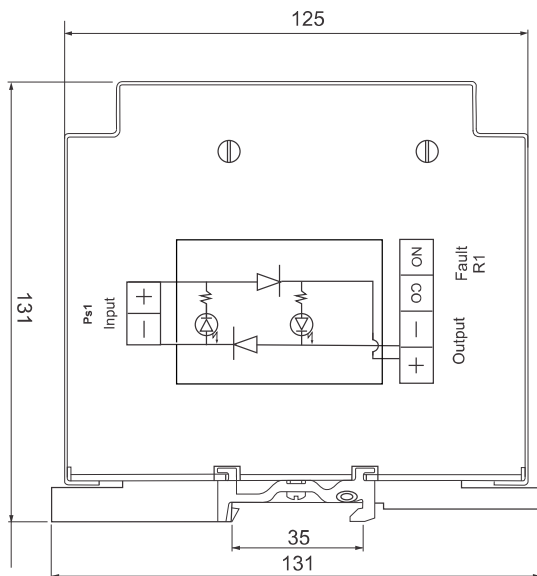
Model No.:P-OR-48-05-S1

Model No.:P-OR-48-10-S1

General Information

The Diode Block unit comprises of power supply isolating diodes in positive and negative supply lines of the input power supply. for redundancy in the power supply to the control unit the output of two or more such units are connected in parallel. In the situation where input to one of the oring unit power supply fails, the next power supply connected will feed the power quickly to prevent the system bus voltage from failing and bus collapse. 1N/C relay contact is brought out from each oring unit for supply failure alarm.

Dimensions in mm.



Specifications

Input	- 24V DC supply -1nos (standard) - 48V DC supply -1nos (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-24-05-S1</td> <td>05 Amps</td> <td>24VDC</td> </tr> <tr> <td>P-OR-24-10-S1</td> <td>10 Amps</td> <td>24VDC</td> </tr> <tr> <td>P-OR-48-05-S1</td> <td>05 Amps</td> <td>48VDC</td> </tr> <tr> <td>P-OR-48-10-S1</td> <td>10 Amps</td> <td>48VDC</td> </tr> </tbody> </table>	Model No.	Current Rating	Voltage	P-OR-24-05-S1	05 Amps	24VDC	P-OR-24-10-S1	10 Amps	24VDC	P-OR-48-05-S1	05 Amps	48VDC	P-OR-48-10-S1	10 Amps	48VDC
Model No.	Current Rating	Voltage														
P-OR-24-05-S1	05 Amps	24VDC														
P-OR-24-10-S1	10 Amps	24VDC														
P-OR-48-05-S1	05 Amps	48VDC														
P-OR-48-10-S1	10 Amps	48VDC														
Overload	- 10%max.															
Drop	- 0.65 volts max DC at 5A / 10A															
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 5Amps @ 24VDC/230VAC in case of failure of the input power supply.															
Conductor cross section	- 0.20 - 2.5 mm ² solid - 0.20 - 2.5 mm ² stranded - AWG 24-12															
Dimension (LxBxH)mm	- 131 x 48 x 131															
Mounting	- 35mm DIN Rail															
Weight	- 0.5Kg.Approx															

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

Approvals