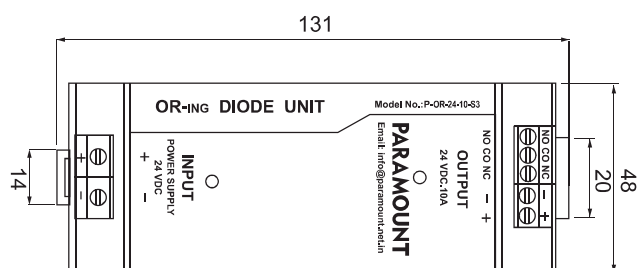
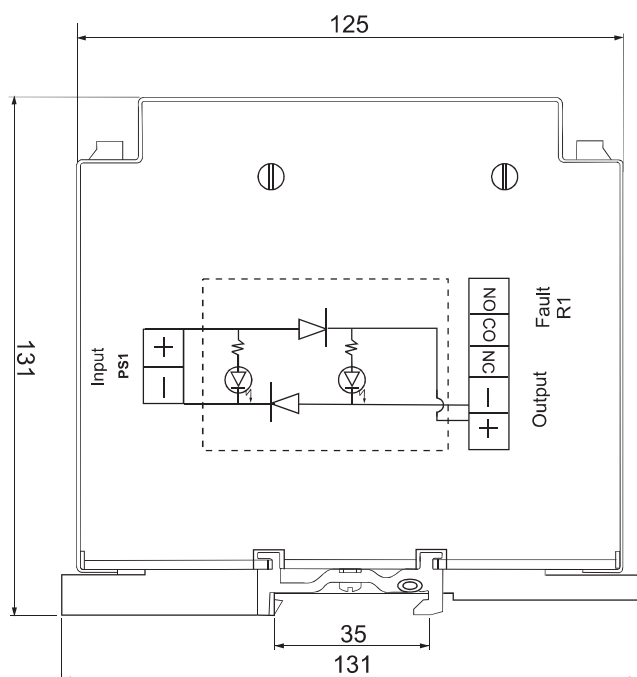




OR-ING DIODE BLOCK SCREW TYPE

Model No. : P-OR-24-5-A4
Model No. : P-OR-48-5-A4
Model No. : P-OR-24-10-A4
Model No. : P-OR-48-10-A4
Model No. : P-OR-110-10-A4
Model No. : P-OR-220-10-A4

Dimensions in mm



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.

SPECIFICATION

Input	:	24VDC Supply - 1nos. (standard) 48VDC Supply - 1nos. (standard) 110VDC Supply - 1nos. (standard) 220VDC Supply - 1nos. (standard)																							
Output Current	:	<table><tr><th>Model No.</th><th>Current Rating</th><th>Voltage</th></tr><tr><td>P-OR-24-5-A4</td><td>5 Amps</td><td>24 VDC</td></tr><tr><td>P-OR-48-5-A4</td><td>5 Amps</td><td>48 VDC</td></tr><tr><td>P-OR-24-10-A4</td><td>10 Amps</td><td>24 VDC</td></tr><tr><td>P-OR-48-10-A4</td><td>10 Amps</td><td>48 VDC</td></tr><tr><td>P-OR-110-20-A4</td><td>10 Amps</td><td>110 VDC</td></tr><tr><td>P-OR-220-20-A4</td><td>10 Amps</td><td>220 VDC</td></tr></table>			Model No.	Current Rating	Voltage	P-OR-24-5-A4	5 Amps	24 VDC	P-OR-48-5-A4	5 Amps	48 VDC	P-OR-24-10-A4	10 Amps	24 VDC	P-OR-48-10-A4	10 Amps	48 VDC	P-OR-110-20-A4	10 Amps	110 VDC	P-OR-220-20-A4	10 Amps	220 VDC
Model No.	Current Rating	Voltage																							
P-OR-24-5-A4	5 Amps	24 VDC																							
P-OR-48-5-A4	5 Amps	48 VDC																							
P-OR-24-10-A4	10 Amps	24 VDC																							
P-OR-48-10-A4	10 Amps	48 VDC																							
P-OR-110-20-A4	10 Amps	110 VDC																							
P-OR-220-20-A4	10 Amps	220 VDC																							
Overload	:	10% Max																							
Drop	:	0.65 volts max DC at 20A																							
Di-Electric Strength	:	1.5 KVAC for 24VDC & 48VDC 2.0 KVAC for 110VDC & 220VDC (between input / output to body)																							
Insulation Resistance	:	200 Mega Ohms @ 500 VDC Min. (between Input / Output to body)																							
Working Temperature	:	55°C Ambient Max.																							
Indicators	:	1 Green LED for each power supply 1 Green LED for Output																							
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 & 5A @ 230VAC in case of failure of any one of the Input power supply																							
Conductor Cross	:	0.20 - 4.0 mm ² solid																							
Section	:	0.20 - 2.5 mm ² 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																							
● Custom built OR ing units can be designed and built to suit the special requirements.																									

Approvals





OR-ING DIODE BLOCK SCREW TYPE

Model No. : P-OR-24-20-A4

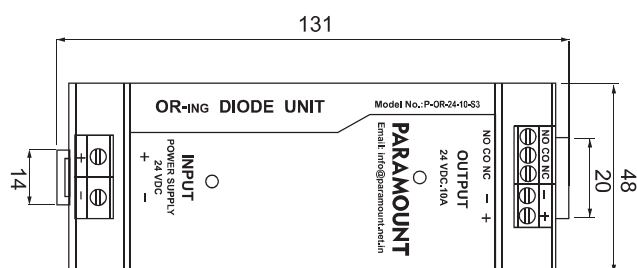
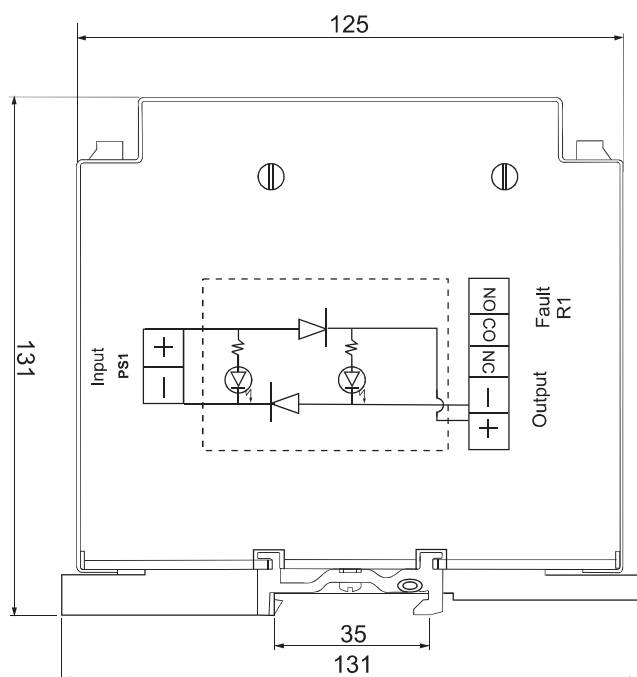
Model No. : P-OR-48-20-A4

Model No. : P-OR-110-20-A4

Model No. : P-OR-220-20-A4

Dimensions

in mm



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.

SPECIFICATION

- Input** : 24VDC Supply - 1nos. (standard)
48VDC Supply - 1nos. (standard)
110VDC Supply - 1nos. (standard)
220VDC Supply - 1nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|----------------|----------------|---------|
| P-OR-24-20-A4 | 20 Amps | 24 VDC |
| P-OR-48-20-A4 | 20 Amps | 48 VDC |
| P-OR-120-20-A4 | 20 Amps | 110 VDC |
| P-OR-220-20-A4 | 20 Amps | 220 VDC |
- Overload** : 10% Max
- Drop** : 0.65 volts max DC at 20A
- Di-Electric Strength** : 2 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 & 5A @ 230VAC
in case of failure of any one of the
Input power supply
- Conductor Cross** : 0.20 - 4.0 mm² **solid**
- Section** : 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
- Custom built OR ing units can be designed and built to suit the special requirements.