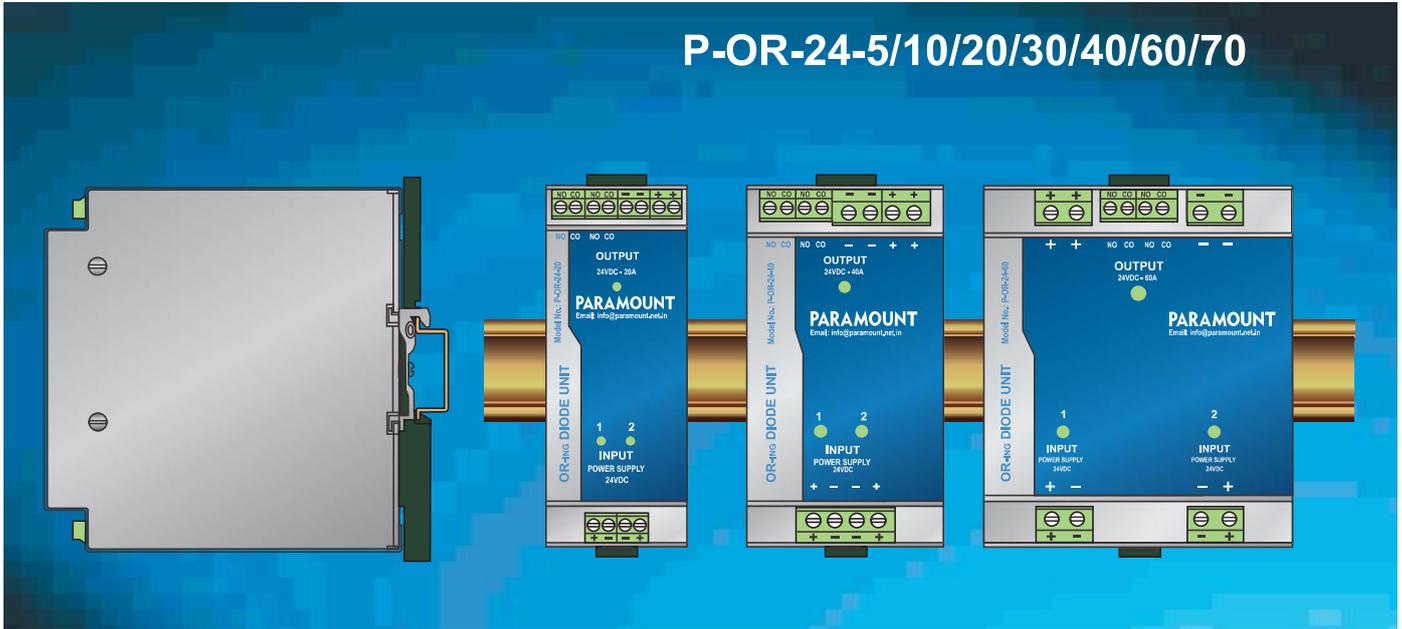
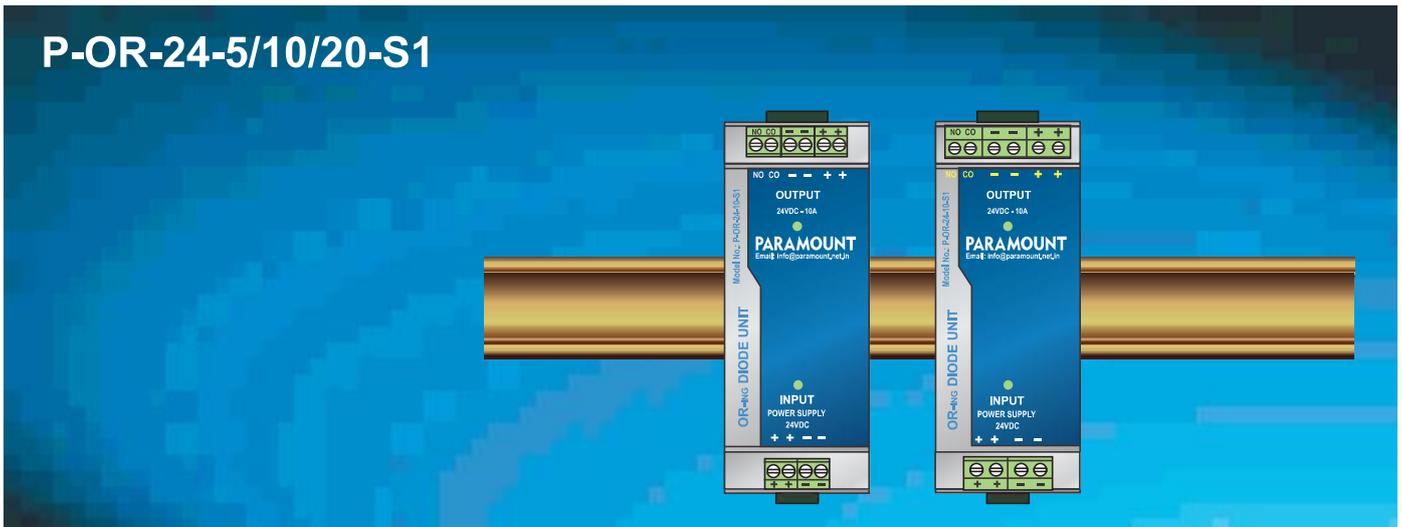


OR-ING DIODE UNIT

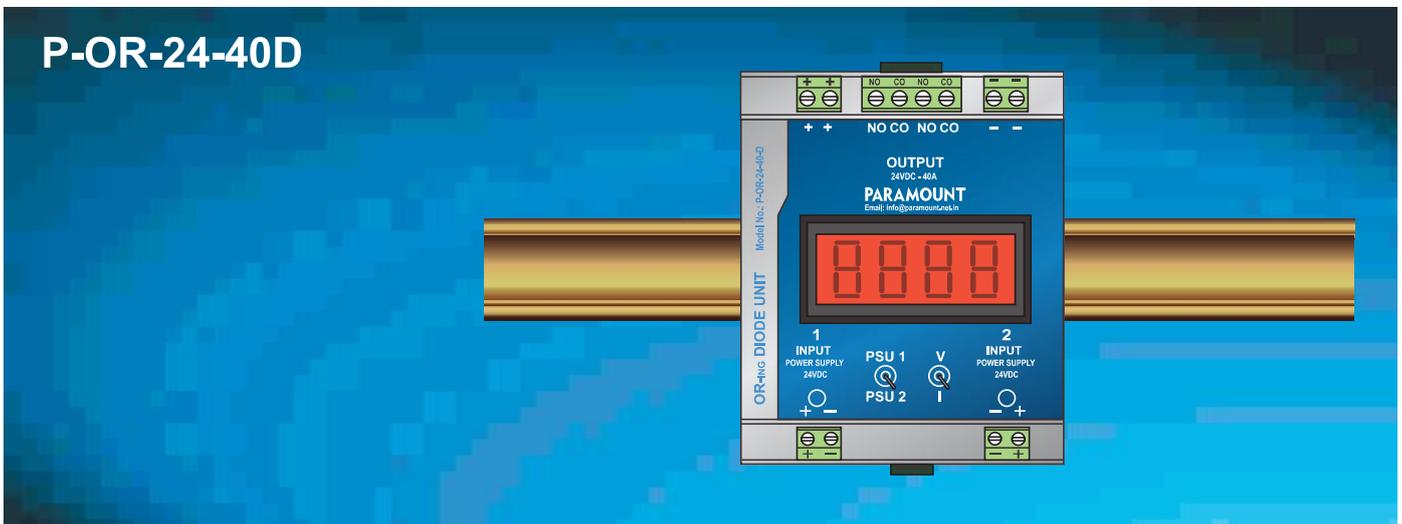
P-OR-24-5/10/20/30/40/60/70



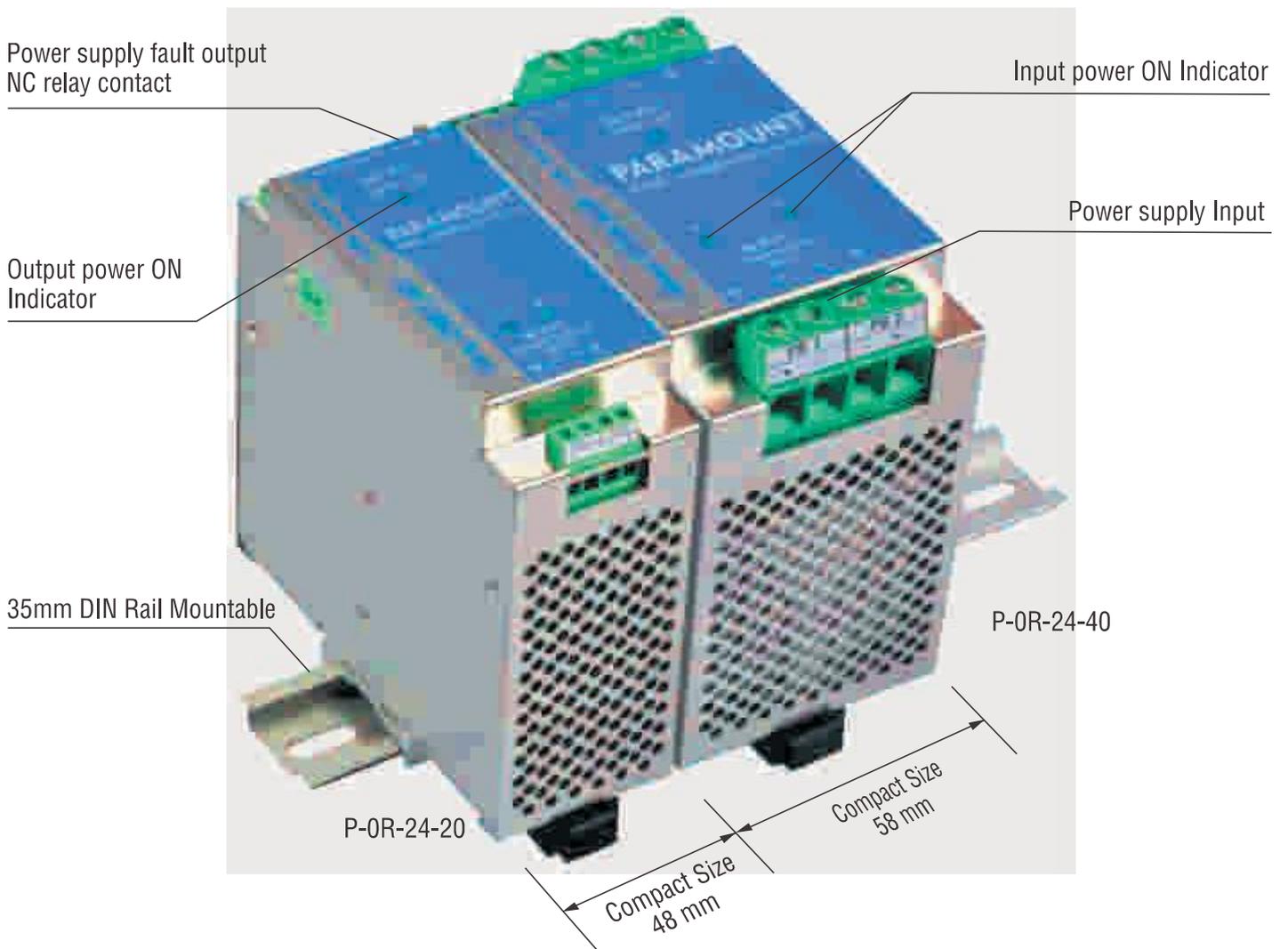
P-OR-24-5/10/20-S1



P-OR-24-40D



OR-ING DIODE UNIT





OR-ING DIODE UNIT

MODEL No. : P-OR-12-05

MODEL No. : P-OR-24-05

MODEL No. : P-OR-30-05

MODEL No. : P-OR-48-05

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

Output Current	Model No.	Current Rating	Voltage
	P-OR-12-05	05 Amps	12 VDC
	P-OR-24-05	05 Amps	24 VDC
	P-OR-30-05	05 Amps	30 VDC
	P-OR-48-05	05 Amps	48 VDC

Overload : 10% Max
Drop : 0.65 volts max DC at 5A
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 : 0.20 - 4.0 mm² solid
Section : 0.20 - 2.5 mm² Stranded
 AWG - 24-12
Dimension : 131 x 48 x 70 (L x B x H) in mm
Mounting : 35 mm Din RAIL
Weight : 0.5 Kgs. Approx

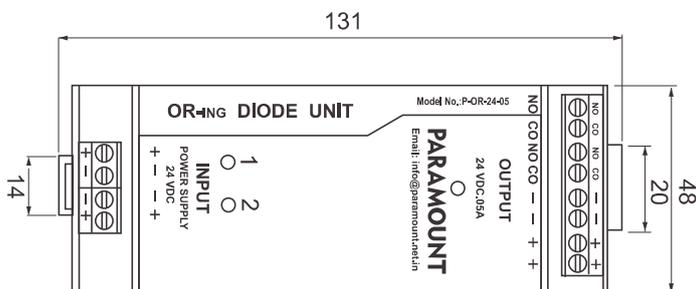
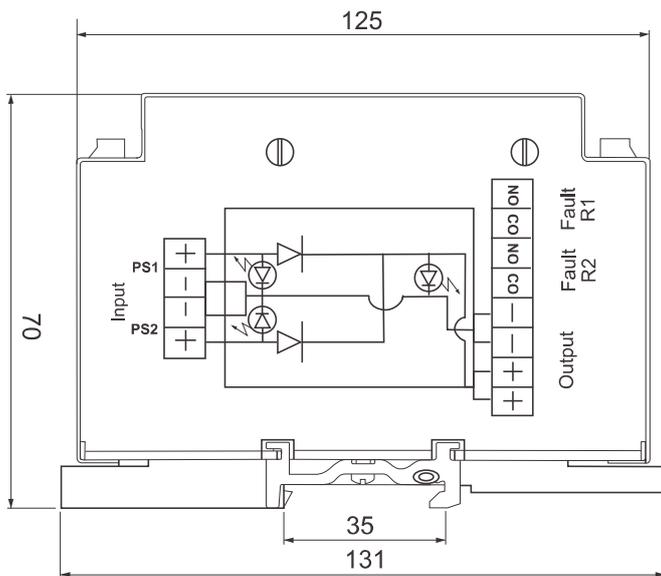
- Custom built OR ing units can be designed and built to suit the special requirements.

Approvals



Dimensions

in mm

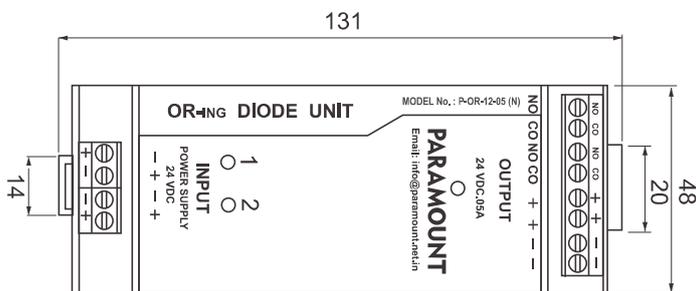
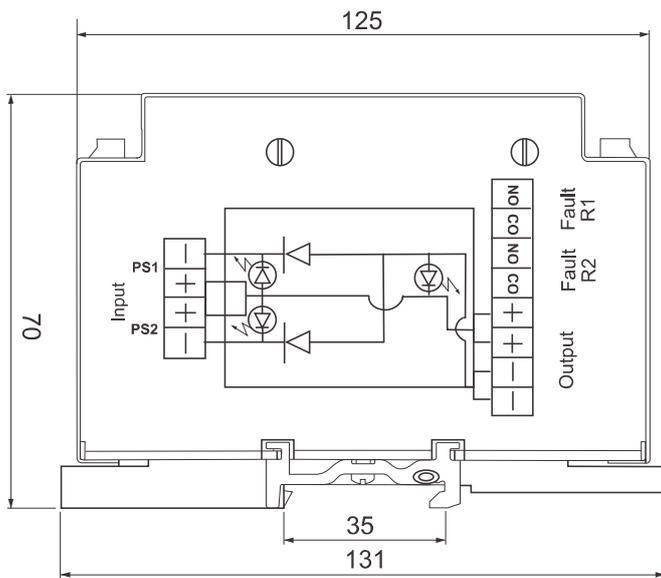




OR-ING DIODE UNIT

MODEL No. : P-OR-12-05 (N)

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 : 12 VDC Supply - 2nos. (standard)

Output Current :

Model No.	Current Rating	Voltage
P-OR-12-05 (N)	05 Amps	12 VDC

Overload : 10% Max

Drop : 0.65 volts max DC at 5A

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 : 0.20 - 4.0 mm² solid

Section : 0.20 - 2.5 mm² Stranded
AWG - 24-12

Dimension : 131 x 48 x 70 (L x B x H) in mm

Mounting : 35 mm Din RAIL

Weight : 0.5 Kgs. Approx

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

Approvals





OR-ING DIODE UNIT

Model No. : P-OR-5-10
 Model No. : P-OR-12-10
 Model No. : P-OR-24-10
 Model No. : P-OR-30-10
 Model No. : P-OR-48-10

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 : 5VDC supply - 2 nos. (Standard)
 12VDC supply - 2 nos. (Standard)
 24VDC supply - 2 nos. (Standard)
 30VDC supply - 2 nos. (Standard)
 48VDC supply - 2 nos. (Standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-5-10	10 Amps	5 VDC
	P-OR-12-10	10 Amps	12 VDC
	P-OR-24-10	10 Amps	24 VDC
	P-OR-30-10	10 Amps	30 VDC
	P-OR-48-10	10 Amps	48 VDC

Overload : 10% Max
Drop : 0.65 volts max DC at 10A
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
 Relay contact is closed as long as input
 power supply is connected & healthy &
 open up power supply if failure occurs
Conductor Cross : 0.20 - 4.0 mm² solid
Section : 0.20 - 2.5 mm² Stranded
 AWG - 24-12
Dimension : 131 x 48 x 70 (L x B x H) in mm
Mounting : 35 mm Din RAIL
Weight : 0.5 Kgs. Approx

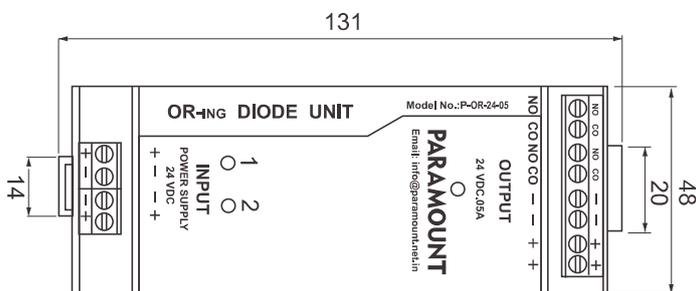
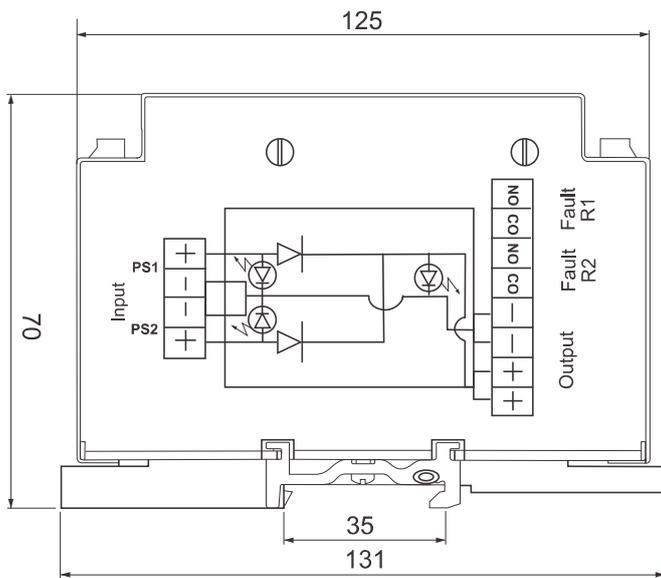
- Custom built OR ing units can be designed and built to suit the special requirements.

Approvals



Dimensions

in mm





OR-ING DIODE UNIT

Model No. : P-OR-110-10

Model No. : P-OR-125-10

Model No. : P-OR-220-10

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 : 110VDC supply - 2 nos. (Standard)
125VDC supply - 2 nos. (Standard)
220VDC supply - 2 nos. (Standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-10	10 Amps	10 VDC
	P-OR-125-10	10 Amps	125 VDC
	P-OR-220-10	10 Amps	220 VDC

Overload : 10% Max
Drop : 1.0 volts max DC at 10A
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 Relay contact is closed as long as input power supply is connected & healthy & open up power supply if failure occurs

Conductor Cross : 0.20 - 4.0 mm² solid

Section : 0.20 - 2.5 mm² Stranded
AWG - 24-12

Dimension : 131 x 48 x 70 (L x B x H) in mm

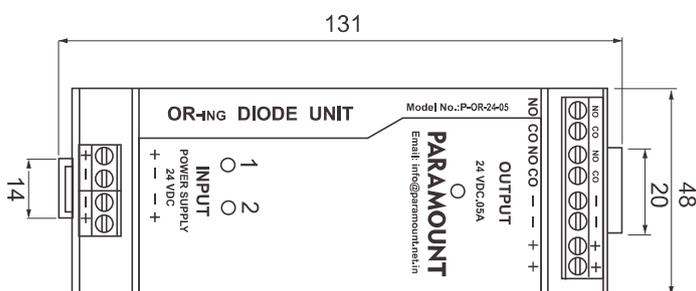
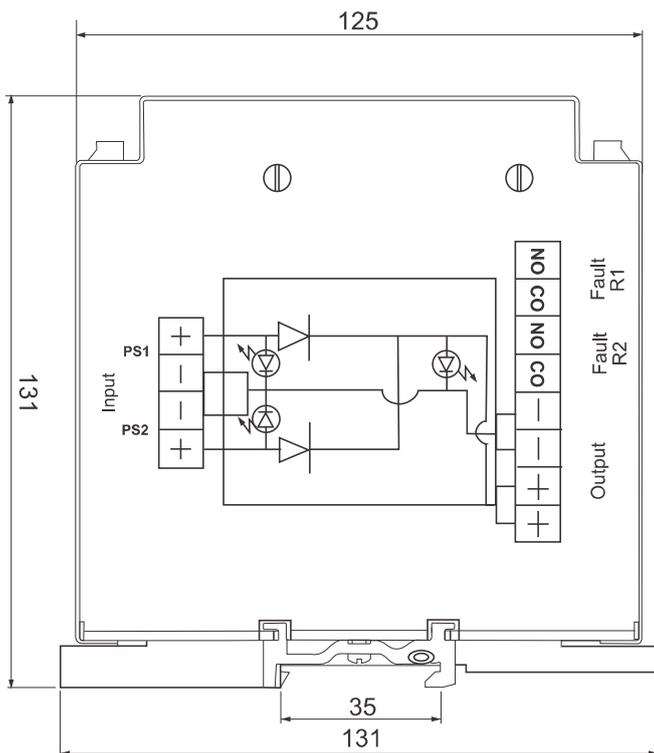
Mounting : 35 mm Din RAIL

Weight : 0.5 Kgs. Approx

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

Dimensions

in mm





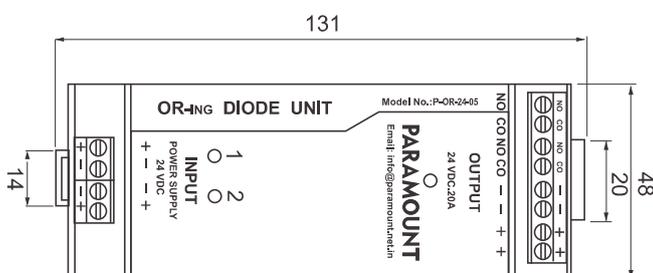
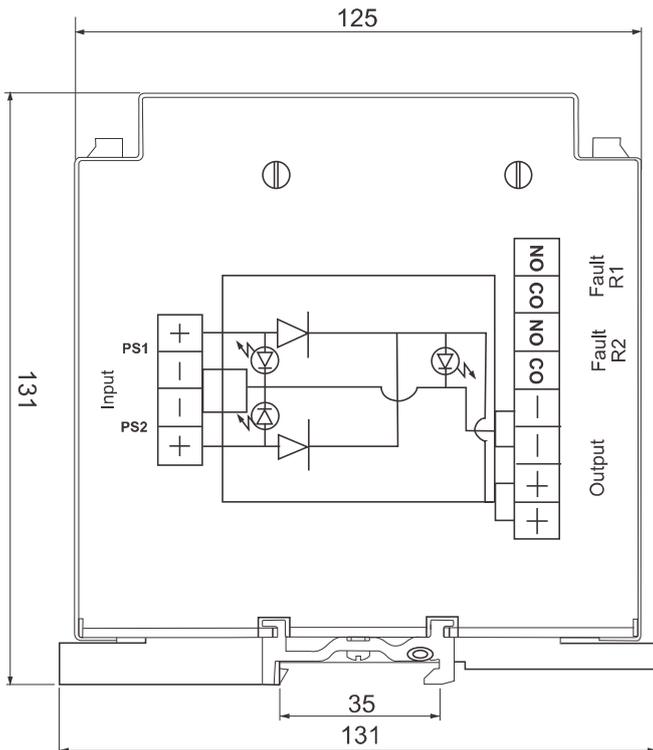
OR-ING DIODE UNIT

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

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

Approvals

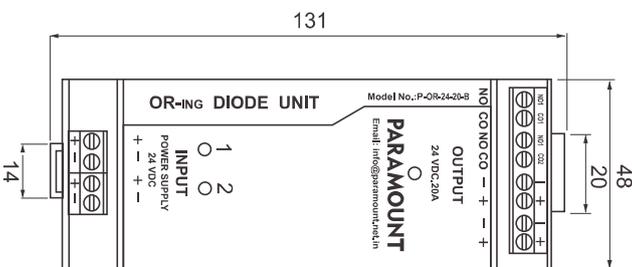
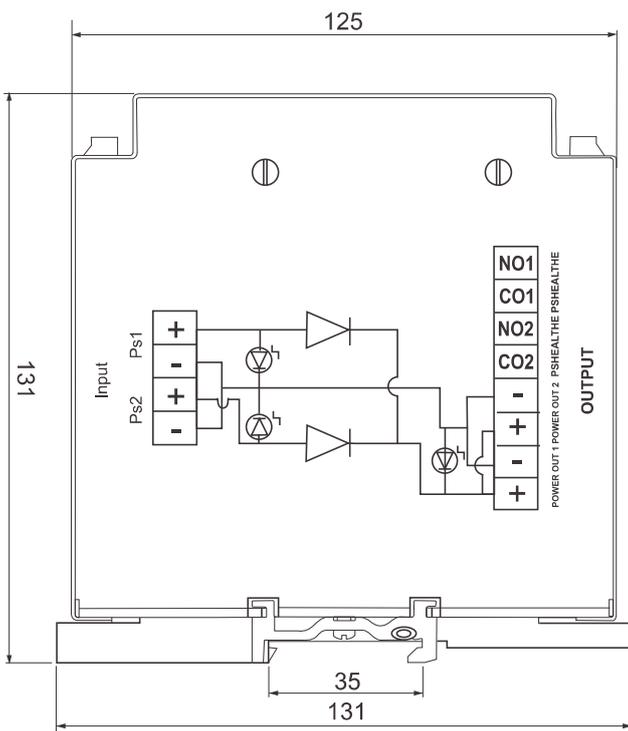




OR-ING DIODE UNIT

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

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

SPECIFICATION

- Input** : 24VDC Supply - 2nos. (standard)
- Output Current** :

Model No.	Current Rating	Voltage
P-OR-24-20-B	20 Amps	24 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 @ 5A @ 230VAC in case of failure of any one of the Input power supply
- Conductor Cross Section** : 0.2 - 4.0 mm² **solid**
0.2 - 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

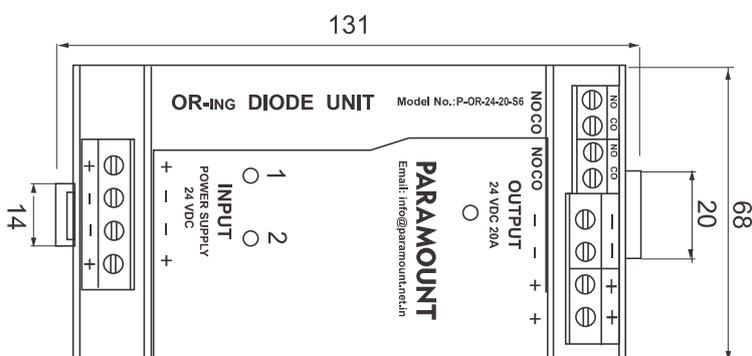
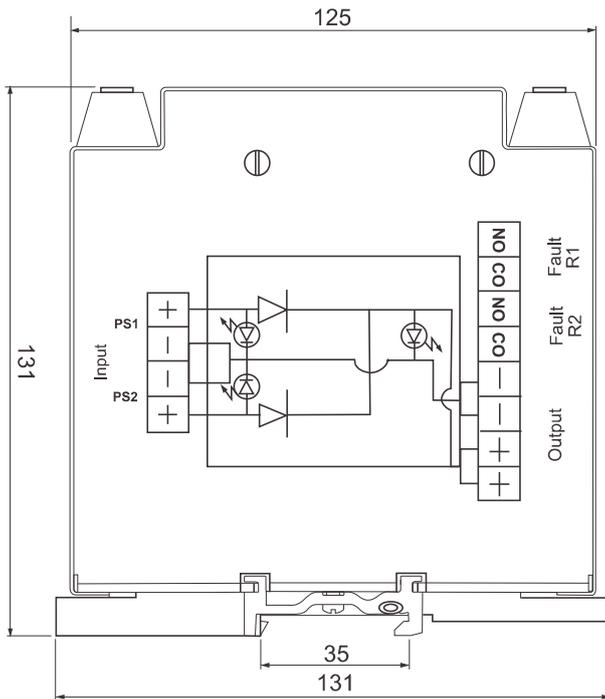
- Custom built OR ing units can be designed and built to suit the special requirements.



OR-ING DIODE UNIT

Model No. : P-OR-24-20-S6

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

SPECIFICATION

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

Model No.	Current Rating	Voltage
P-OR-24-20-S6	20 Amps	24 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 @ 5A @ 230VAC
in case of failure of any one of the
Input power supply

Conductor Cross : 16 mm² solid

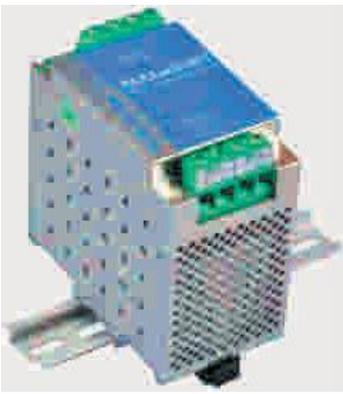
Section : 16 mm² Stranded
AWG - 6

Dimension : 131 x 68 x 131 (L x B x H) in mm

Mounting : 35 mm Din RAIL

Weight : 1.4 Kgs. Approx

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

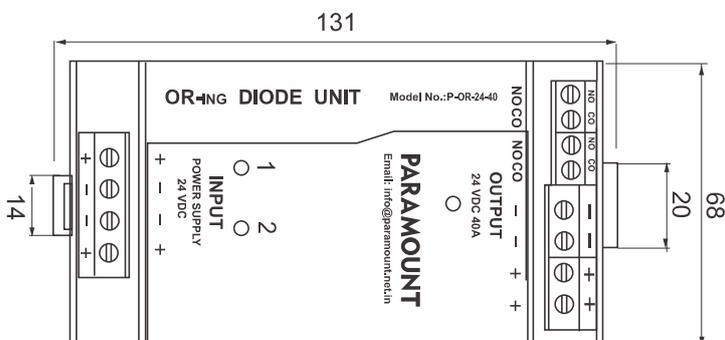
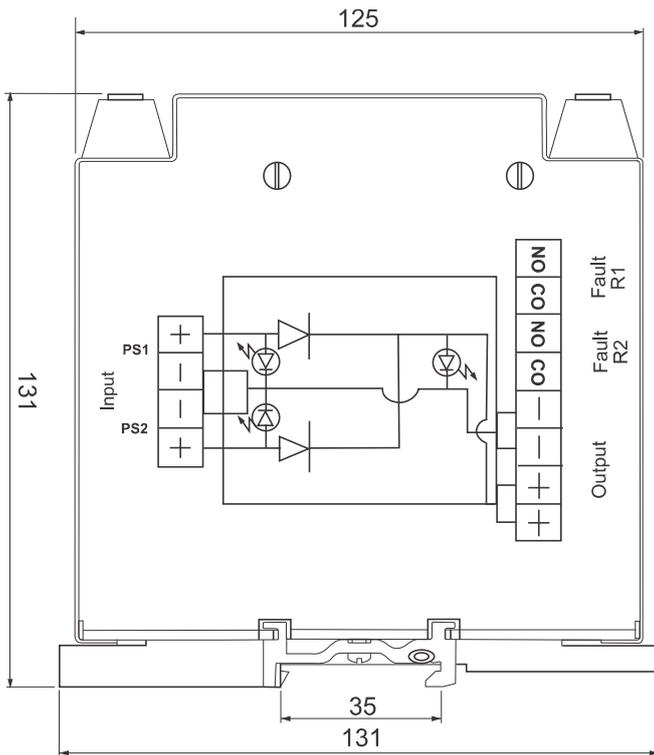


OR-ING DIODE UNIT

Model No. : P-OR-24-30

Model No. : P-OR-48-30

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	:	24VDC Supply - 2nos. (standard) 48VDC 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-24-30</td> <td>30 Amps</td> <td>24 VDC</td> </tr> <tr> <td>P-OR-48-30</td> <td>30 Amps</td> <td>48 VDC</td> </tr> </tbody> </table>	Model No.	Current Rating	Voltage	P-OR-24-30	30 Amps	24 VDC	P-OR-48-30	30 Amps	48 VDC
Model No.	Current Rating	Voltage									
P-OR-24-30	30 Amps	24 VDC									
P-OR-48-30	30 Amps	48 VDC									
Overload	:	10% Max									
Drop	:	0.65 volts max DC at 30A									
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	:	16 mm ² solid									
Section	:	10 mm ² Stranded AWG - 6									
Dimension	:	131 x 68 x 131 (L x B x H) in mm									
Mounting	:	35 mm Din RAIL									
Weight	:	1.4 Kgs. Approx									

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

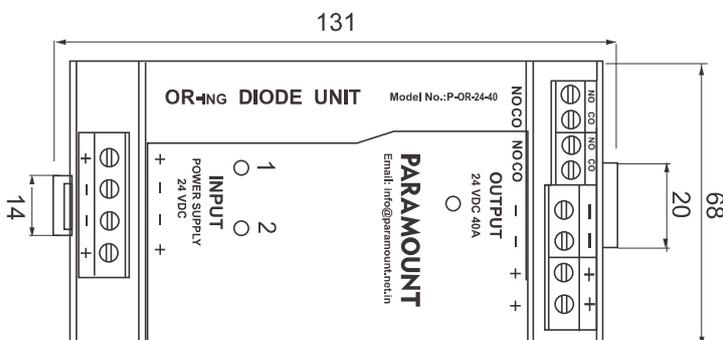
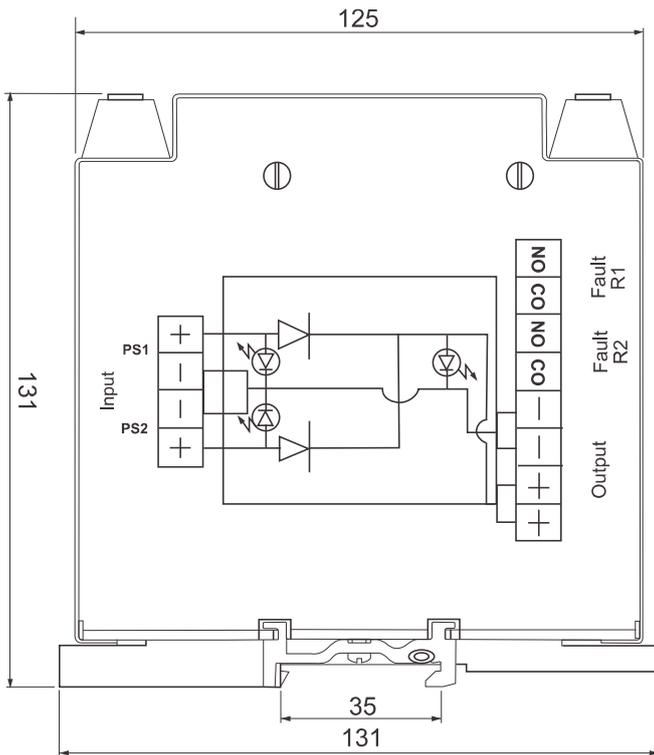


OR-ING DIODE UNIT

Model No. : P-OR-24-40

Model No. : P-OR-48-40

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	:	24VDC Supply - 2nos. (standard) 48VDC 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-24-40</td> <td>40 Amps</td> <td>24 VDC</td> </tr> <tr> <td>P-OR-48-40</td> <td>40 Amps</td> <td>48 VDC</td> </tr> </tbody> </table>	Model No.	Current Rating	Voltage	P-OR-24-40	40 Amps	24 VDC	P-OR-48-40	40 Amps	48 VDC
Model No.	Current Rating	Voltage									
P-OR-24-40	40 Amps	24 VDC									
P-OR-48-40	40 Amps	48 VDC									
Overload	:	10% Max									
Drop	:	0.65 volts max DC at 40A									
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	:	16 mm ² solid									
Section	:	10 mm ² Stranded AWG - 6									
Dimension	:	131 x 68 x 131 (L x B x H) in mm									
Mounting	:	35 mm Din RAIL									
Weight	:	1.4 Kgs. Approx									

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

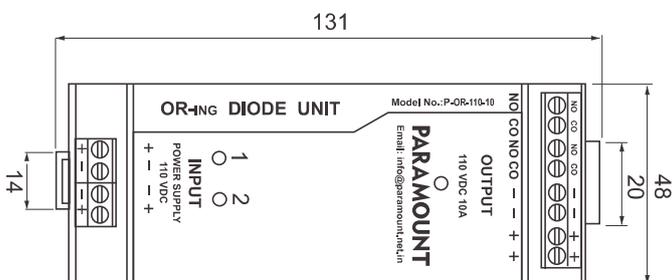
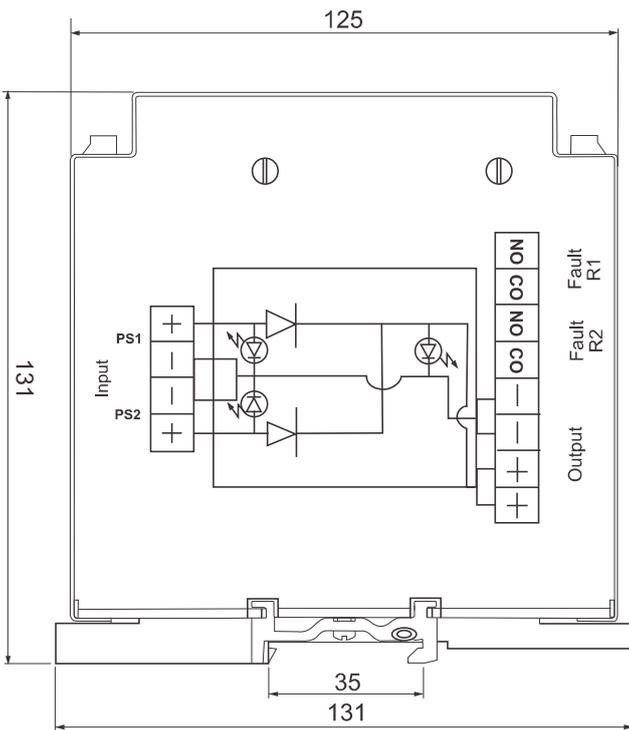


OR-ING DIODE UNIT

Model No. : P-OR-110-10

Model No. : P-OR-220-10

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 : 110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-10	10 Amps	110 VDC
	P-OR-220-10	10 Amps	220 VDC

Overload : 10% Max

Drop : 1 volts max DC at 10A

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 / 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

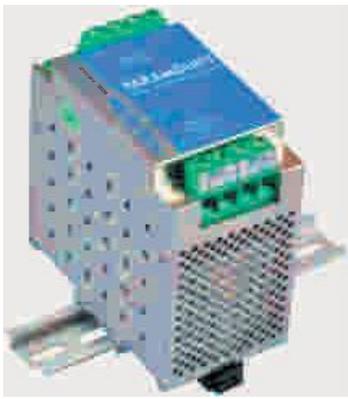
Mounting : 35 mm Din RAIL

Weight : 1.2 Kgs. Approx

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

Approvals



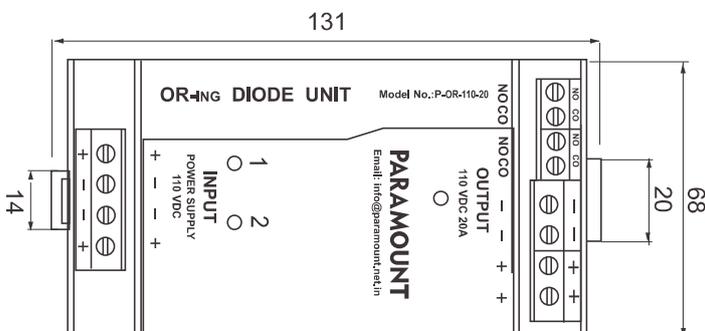
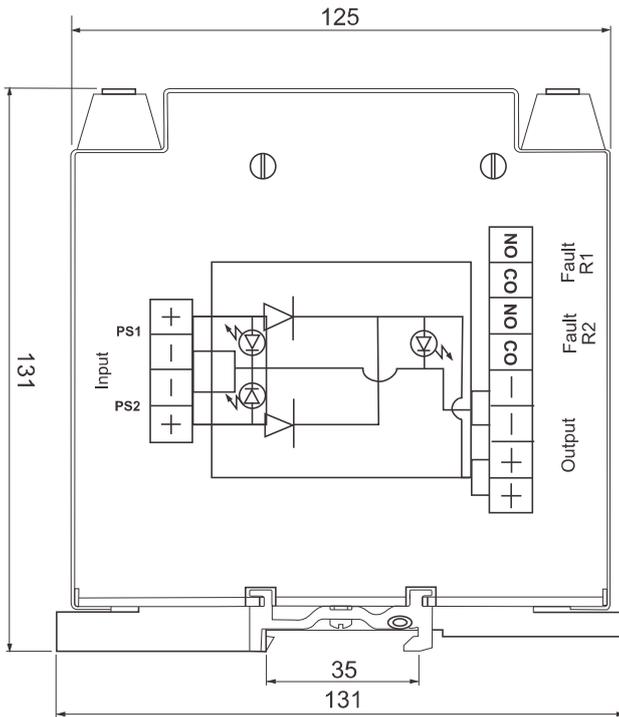


OR-ING DIODE UNIT

Model No. : P-OR-110-20

Model No. : P-OR-220-20

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 : 110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-20	20 Amps	110 VDC
	P-OR-220-20	20 Amps	220 VDC

Overload : 10% Max

Drop : 1 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 / 230VAC
in case of failure of any one of the
Input power supply

Conductor Cross : 16 mm² solid

Section : 10 mm² Stranded
AWG - 6

Dimension : 131 x 48 x 131 (L x B x H) in mm

Mounting : 35 mm Din RAIL

Weight : 1.4 Kgs. Approx

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

Approvals





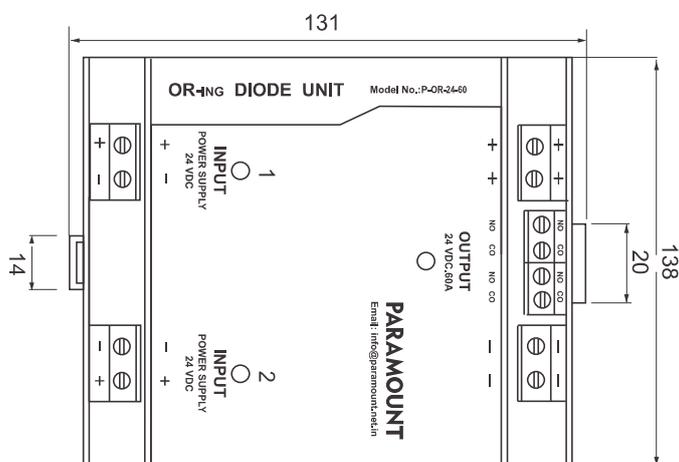
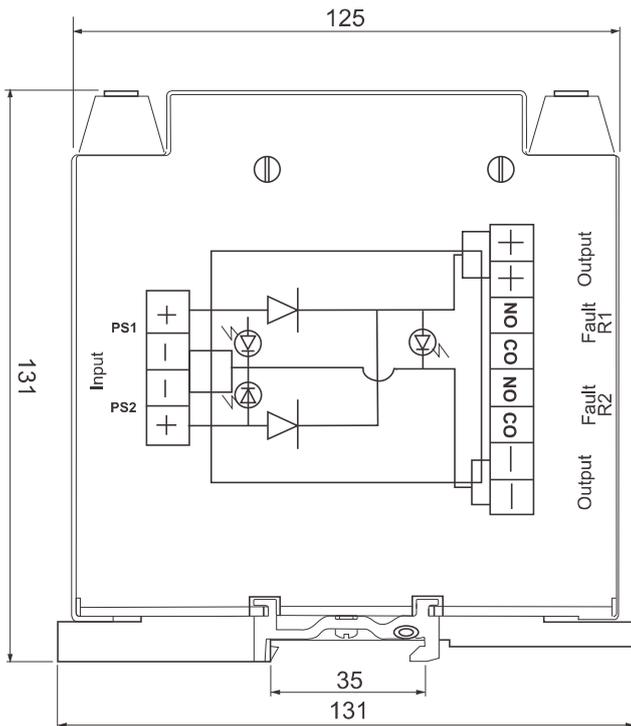
OR-ING DIODE UNIT

Model No. : P-OR-110-40A

Model No. : P-OR-220-40A

Dimensions

in mm

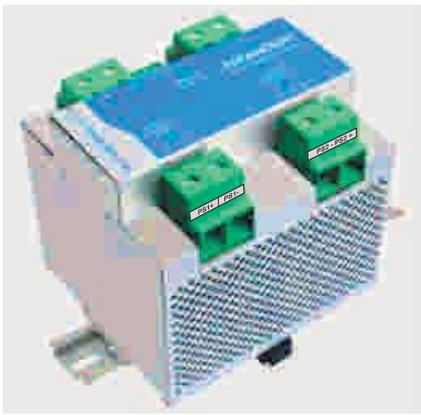


GENERAL INFORMATION

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** : 110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|-------------|----------------|---------|
| P-OR-110-40 | 40 Amps | 110 VDC |
| P-OR-220-40 | 40 Amps | 220 VDC |
- Overload** : 10% Max
- Drop** : 1.0 volts max DC at 40A
- 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 / 230VAC
in case of failure of any one of the Input power supply
- Conductor Cross Section** : 16 mm² solid
10 mm² Stranded
AWG - 6
- Dimension** : 131 x 138 x 131 (L x B x H) in mm
- Mounting** : 35 mm Din RAIL
- Weight** : 2.7 Kgs. Approx
- Custom built OR ing units can be designed and built to suit the special requirements.



OR-ING DIODE UNIT

Model No.: P-OR-24-60-A6
 Model No.: P-OR-48-60-A6
 Model No.: P-OR-24-70-A6
 Model No.: P-OR-48-70-A6
 Model No.: P-OR-24-80-A6
 Model No.: P-OR-48-80-A6

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

SPECIFICATION

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

Output Current	Model No.	Current Rating	Voltage
	P-OR-24-60-A6	60 Amps	24 VDC
	P-OR-48-60-A6	60 Amps	48 VDC
	P-OR-24-70-A6	70 Amps	24 VDC
	P-OR-48-70-A6	70 Amps	48 VDC
	P-OR-24-80-A6	80 Amps	24 VDC
	P-OR-48-80-A6	80 Amps	48 VDC

Overload : 10% Max
Drop : 1.2 volts max DC at 60A, 70A & 80A

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 : 0.5 - 35 mm²
 AWG - 20-1

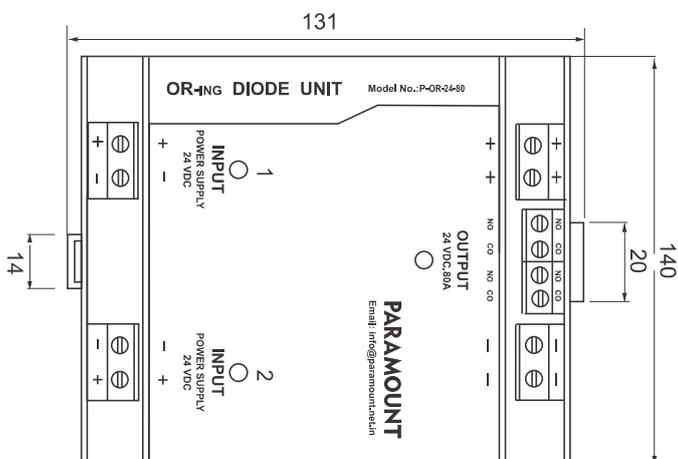
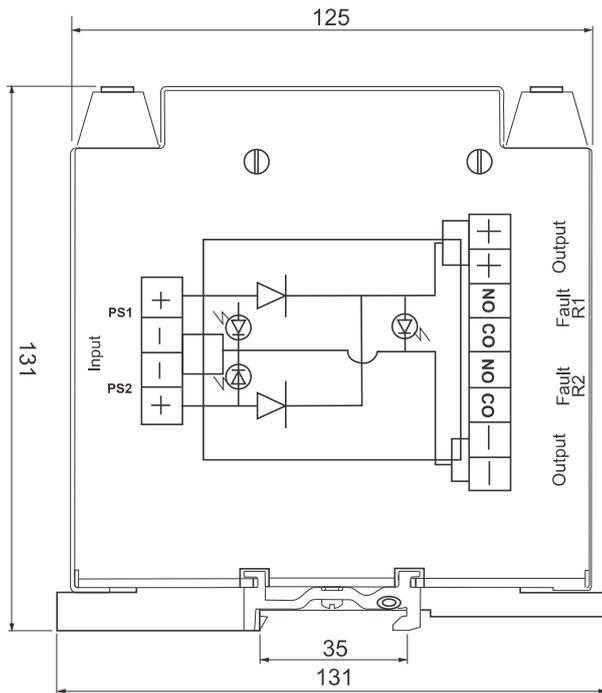
Dimension : 131 x 140 x 131 (L x B x H) in mm Approx

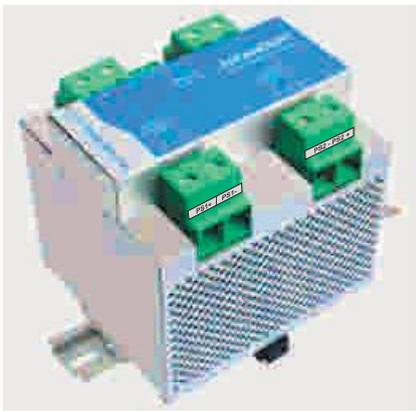
Mounting : 35 mm Din RAIL

Weight : 2.5 Kgs. Approx

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

Dimensions in mm

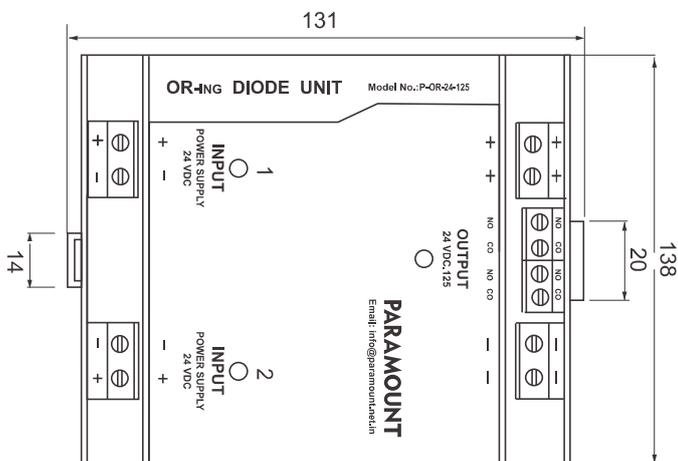
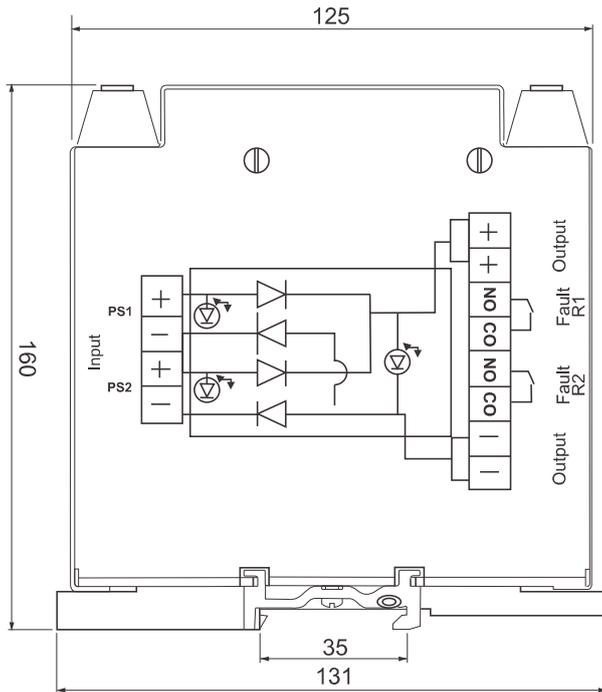




OR-ING DIODE UNIT

Model No. : P-OR-48-10-D2
 Model No. : P-OR-110-10-D2
 Model No. : P-OR-220-10-D2

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

SPECIFICATION

Input : 48VDC Supply - 2nos. (standard)
 110VDC Supply - 2nos. (standard)
 220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-48-10-D2	10 Amps	48 VDC
	P-OR-110-10-D2	10 Amps	110 VDC
	P-OR-220-10-D2	10 Amps	220 VDC

Overload : 10% Max
Drop : 2 volts max DC at 10A
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.

Peak Inverse Voltage : 1600 VDC

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 : 16 mm **solid**

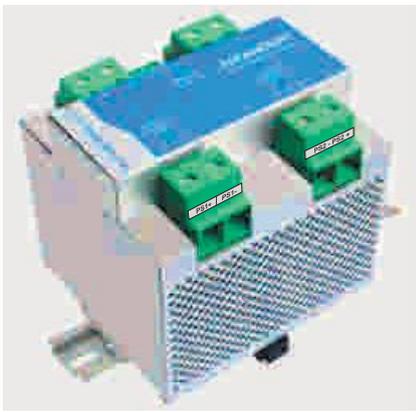
Section : 10 mm **Stranded**
 AWG - 6

Dimension : 131 x 138 x 160 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

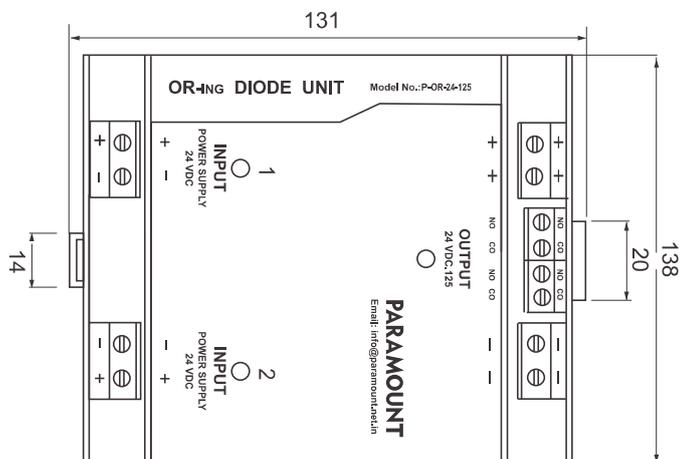
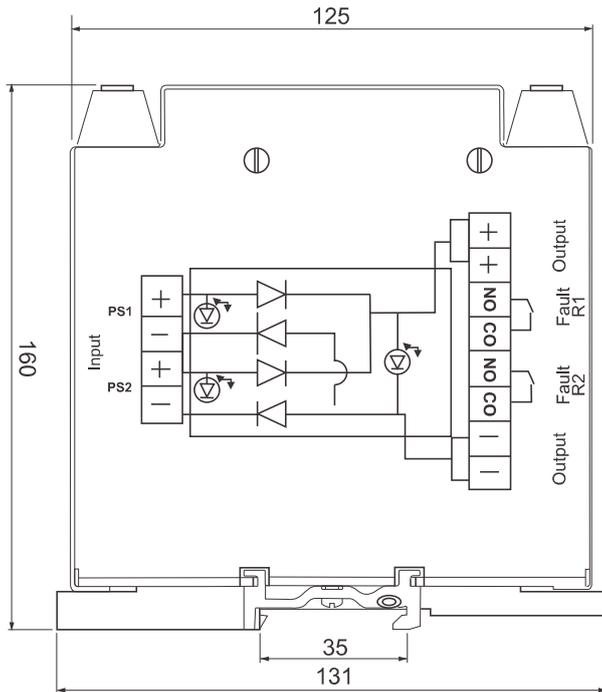
- Custom built OR ing units can be designed and built to suit the special requirements.



OR-ING DIODE UNIT

Model No. : P-OR-48-20-D2
 Model No. : P-OR-110-20-D2
 Model No. : P-OR-220-20-D2

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

SPECIFICATION

Input : 48VDC Supply - 2nos. (standard)
 110VDC Supply - 2nos. (standard)
 220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-48-20-D2	20 Amps	48VDC
	P-OR-110-20-D2	20 Amps	110 VDC
	P-OR-220-20-D2	20 Amps	220 VDC

Overload : 10% Max
Drop : 2 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.

Peak Inverse Voltage : 1600 VDC

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 : 16 mm **solid**

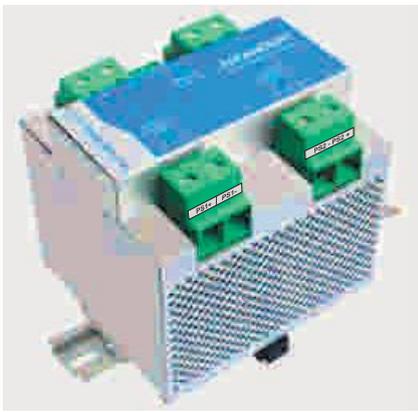
Section : 10 mm **Stranded**
 AWG - 6

Dimension : 131 x 138 x 160 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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

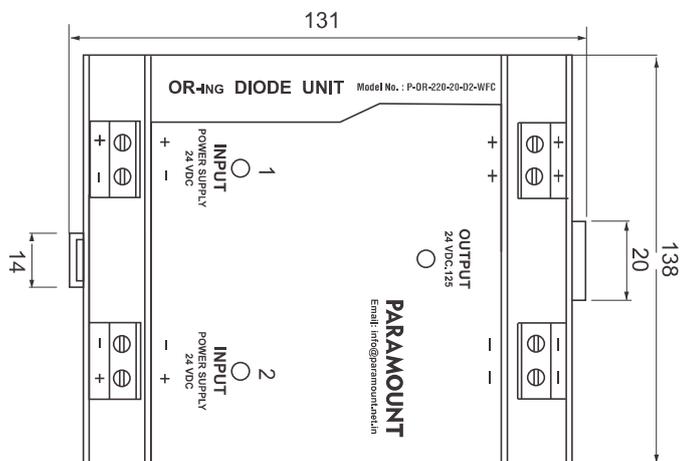
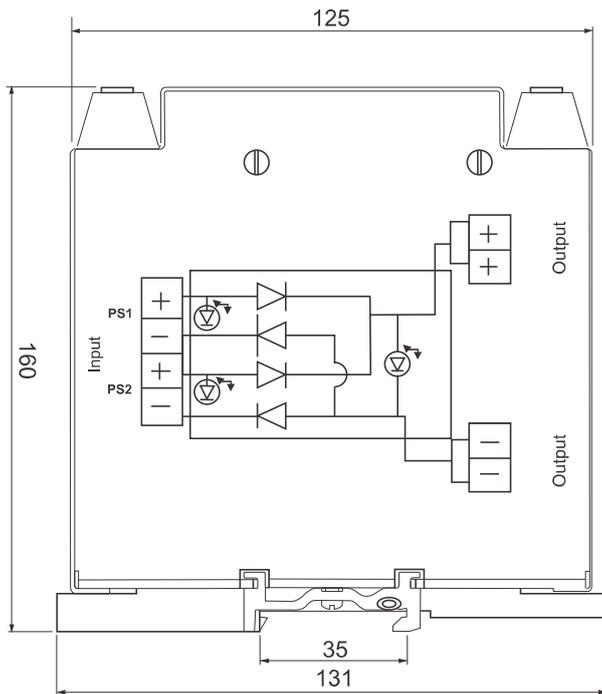


OR-ING DIODE UNIT

Model No. : P-OR-110-20-D2-WFC

Model No. : P-OR-220-20-D2-WFC

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.

SPECIFICATION

Input : 110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-20-D2-WFC	20 Amps	110 VDC
	P-OR-220-20-D2-WFC	20 Amps	220 VDC

Overload : 10% Max

Drop : 2 volts max DC at 20A

Di-Electric Strength : 2 KVAC
(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

Input Power supply : 1 Green LED for each power supply

Output Power supply : 1 Green LED for Output

Conductor Cross : 16 mm **solid**

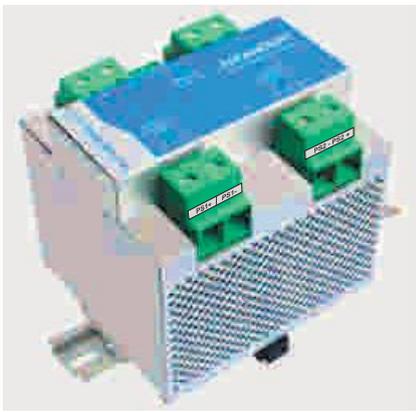
Section : 10 mm **Stranded**
AWG - 6

Dimension : 131 x 138 x 160 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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



OR-ING DIODE UNIT

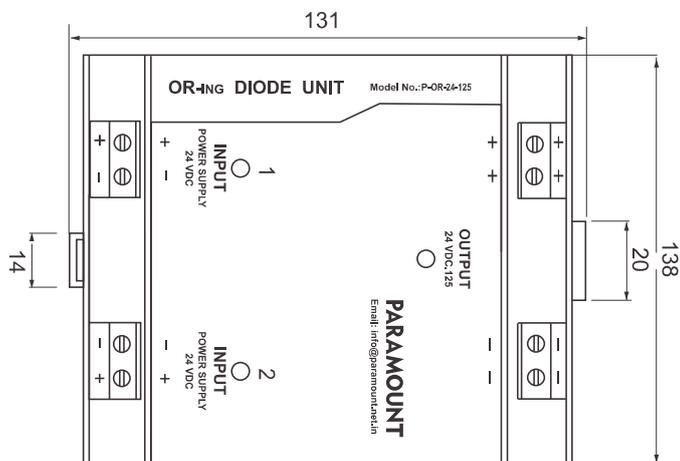
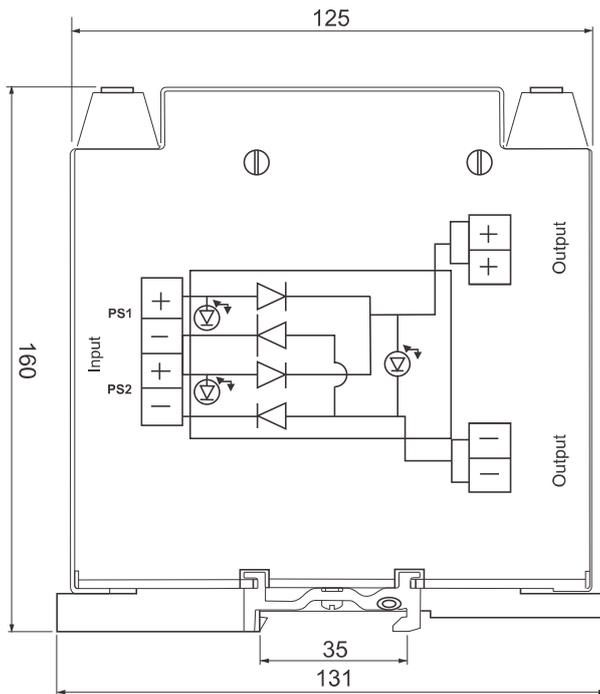
Model No. : P-OR-110-40-D2-WFC

Model No. : P-OR-125-40-D2-WFC

Model No. : P-OR-220-40-D2-WFC

Model No. : P-OR-250-40-D2-WFC

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.

SPECIFICATION

Input : 110VDC Supply - 2nos. (standard)
125VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)
250VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-40-D2-WFC	40 Amps	110 VDC
	P-OR-125-40-D2-WFC	40 Amps	125 VDC
	P-OR-220-40-D2-WFC	40 Amps	220 VDC
	P-OR-250-40-D2-WFC	40 Amps	250 VDC

Overload : 10% Max
Drop : 2 volts max DC at 40A
Di-Electric Strength : 2.0 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.

Peak Inverse Voltage : 1600 VDC

Indicators

Input Power supply : 1 Green LED for each power supply

Output Power supply : 1 Green LED for Output

Conductor Cross : 16 mm **solid**

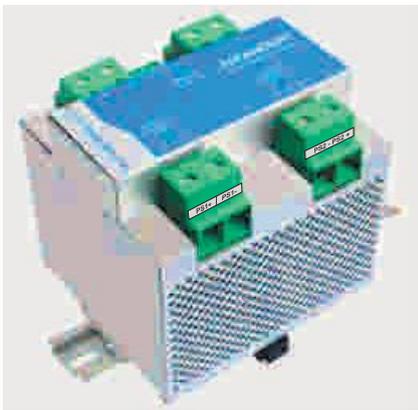
Section : 10 mm **Stranded**
AWG - 6

Dimension : 131 x 138 x 160 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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

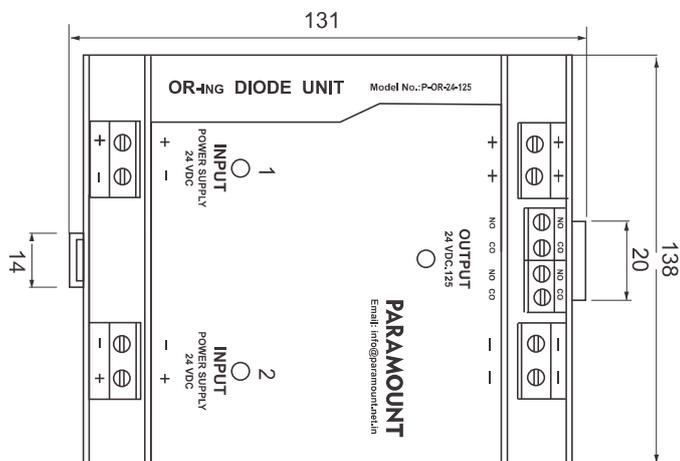
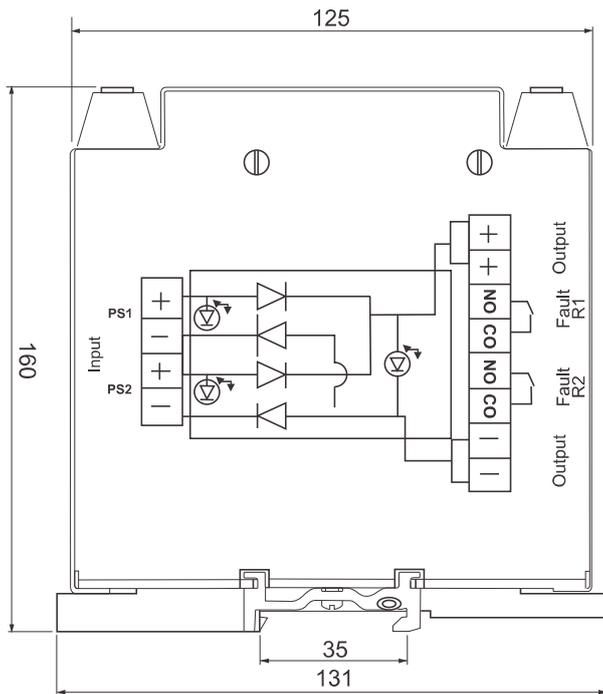


OR-ING DIODE UNIT

Model No. : P-OR-110-40-D2

Model No. : P-OR-220-40-D2

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

SPECIFICATION

Input : 110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-110-40-D2	40 Amps	110 VDC
	P-OR-220-40-D2	40 Amps	220 VDC

Overload : 10% Max
Drop : 2 volts max DC at 10A, 20A & 40A

Di-Electric Strength : 2.0 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.

Peak Inverse Voltage : 1600 VDC

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 : 16 mm **solid**

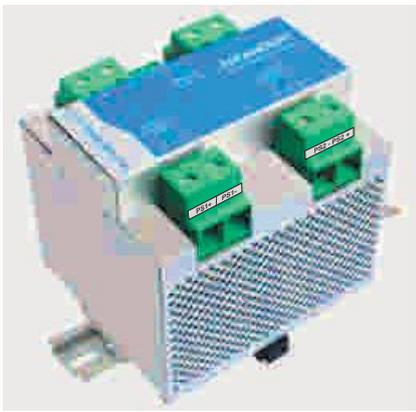
Section : 10 mm **Stranded**
AWG - 6

Dimension : 131 x 138 x 160 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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



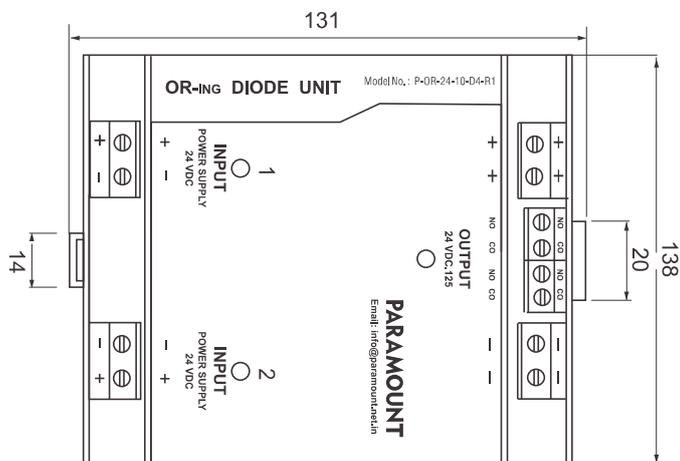
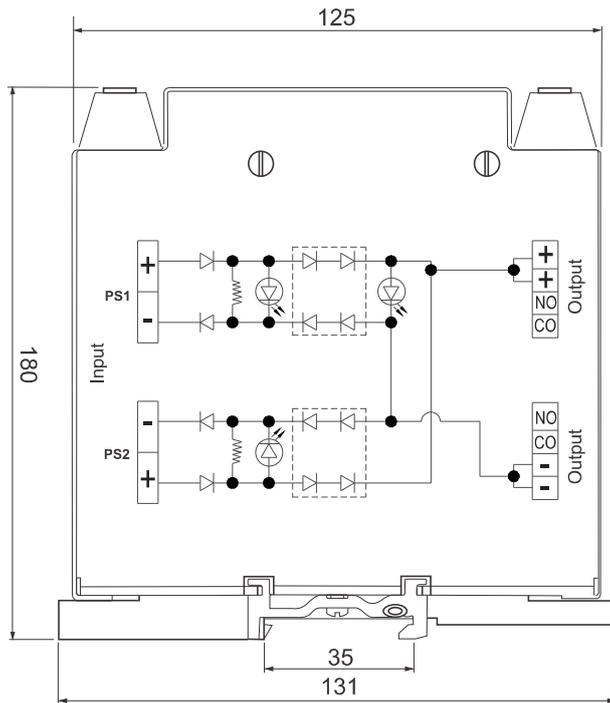
OR-ING DIODE UNIT

Model No. : P-OR-24-10-D4-R1

Model No. : P-OR-110-10-D4-R1

Model No. : P-OR-220-10-D4-R1

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

SPECIFICATION

Input : 24VDC Supply - 2nos. (standard)
110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-24-10-D4-R1	10 Amps	24 VDC
	P-OR-110-10-D4-R1	10 Amps	110 VDC
	P-OR-220-10-D4-R1	10 Amps	220 VDC

Overload : 10% Max

Drop : 2.0 volts max DC at 10A

Di-Electric Strength : 2 KVAC for 10A
(between Input / Output to body)

Insulation Resistance : 100 Mega Ohms @ 500 VDC Min.
(between Input / Output to body)

Peak Inverse Voltage : 1200 - 1600 VDC Minium

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 : 16 mm solid

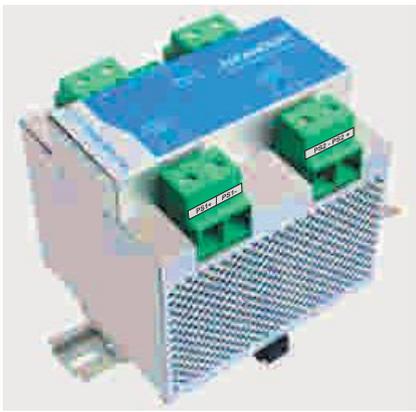
Section : 10 mm Stranded
AWG - 6

Dimension : 131 x 138 x 180 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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



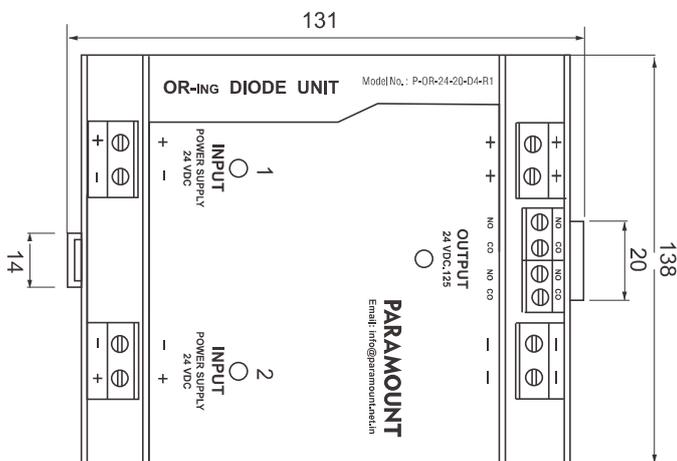
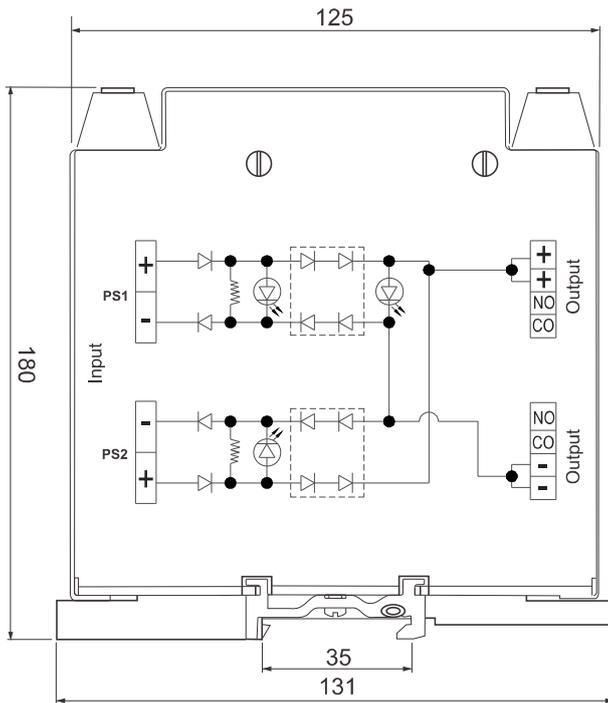
OR-ING DIODE UNIT

Model No. : P-OR-24-20-D4-R1

Model No. : P-OR-110-20-D4-R1

Model No. : P-OR-220-20-D4-R1

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

SPECIFICATION

Input : 24VDC Supply - 2nos. (standard)
110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

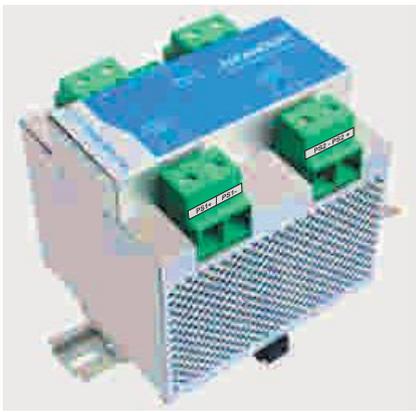
Output Current	Model No.	Current Rating	Voltage
	P-OR-24-20-D4-R1	20 Amps	24 VDC
	P-OR-110-20-D4-R1	20 Amps	110 VDC
	P-OR-220-20-D4-R1	20 Amps	220 VDC

Overload : 10% Max
Drop : 2.0 volts max DC at 20A
Di-Electric Strength : 2 KVAC for 20A (between Input / Output to body)
Insulation Resistance : 100 Mega Ohms @ 500 VDC Min. (between Input / Output to body)
Peak Inverse Voltage : 1200 - 1600 VDC Minium
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 : 16 mm **solid**
Section : 10 mm **Stranded**
AWG - 6
Dimension : 131 x 138 x 180 (L x B x H) in mm Approx
Mounting : 35 mm Din RAIL
Weight : 2.7 Kgs.

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



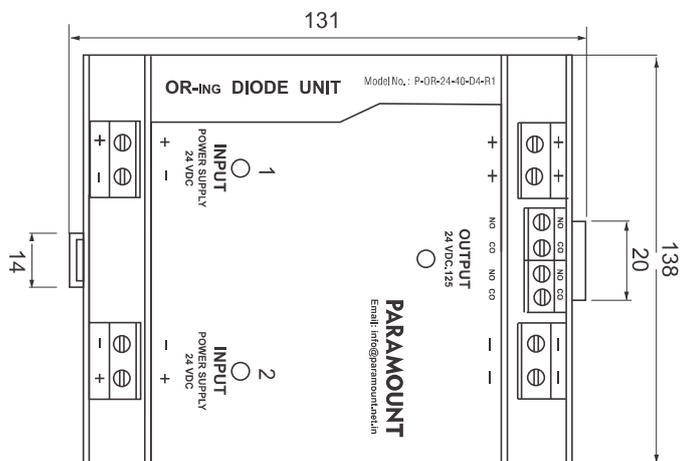
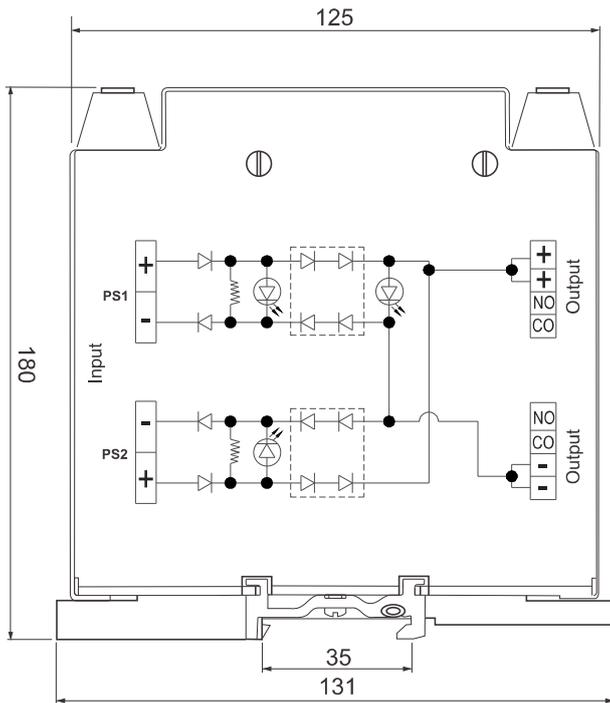
OR-ING DIODE UNIT

Model No. : P-OR-24-40-D4-R1

Model No. : P-OR-110-40-D4-R1

Model No. : P-OR-220-40-D4-R1

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

SPECIFICATION

Input : 24VDC Supply - 2nos. (standard)
110VDC Supply - 2nos. (standard)
220VDC Supply - 2nos. (standard)

Output Current	Model No.	Current Rating	Voltage
	P-OR-24-40-D4-R1	40 Amps	24 VDC
	P-OR-110-40-D4-R1	40 Amps	110 VDC
	P-OR-220-40-D4-R1	40 Amps	220 VDC

Overload : 10% Max

Drop : 2.0 volts max DC at 40A

Di-Electric Strength : 2 KVAC for 40A
(between Input / Output to body)

Insulation Resistance : 100 Mega Ohms @ 500 VDC Min.
(between Input / Output to body)

Peak Inverse Voltage : 1200 - 1600 VDC Minium

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 : 16 mm **solid**

Section : 10 mm **Stranded**
AWG - 6

Dimension : 131 x 138 x 180 (L x B x H) in mm Approx

Mounting : 35 mm Din RAIL

Weight : 2.7 Kgs.

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

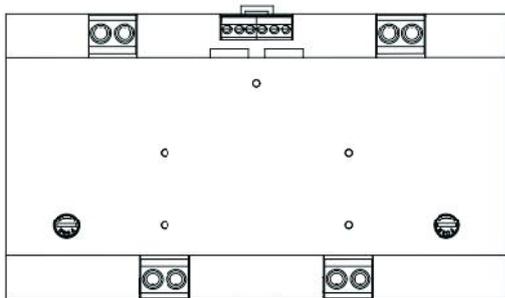
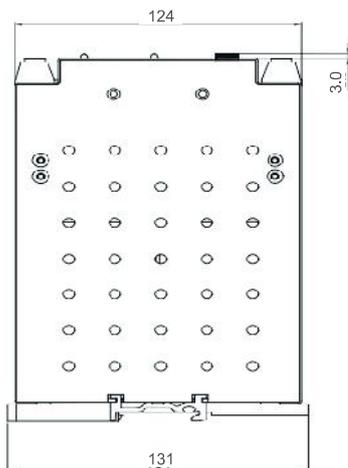
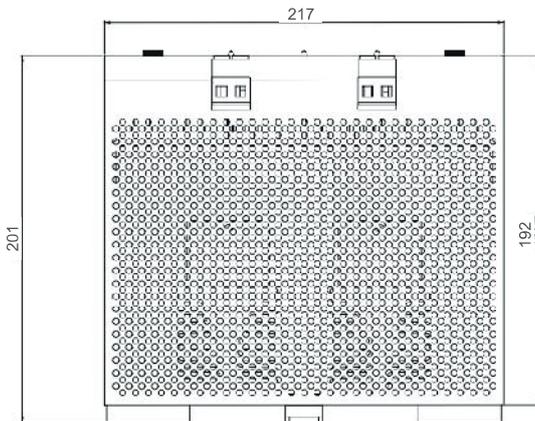
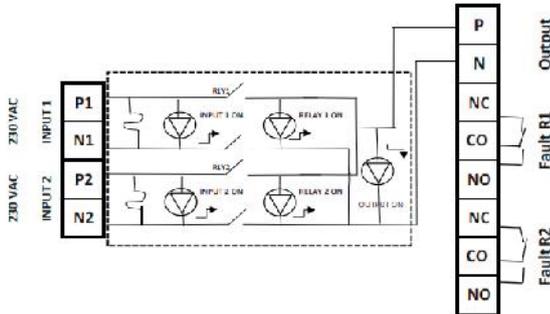


AC OR-ING UNIT

Model No. : P-OR-110-10AC-F

Model No. : P-OR-230-10AC-F

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

SPECIFICATION

- Input** : 110VAC Supply - 2nos. (standard)
230VAC Supply - 2nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|-----------------|----------------|---------|
| P-OR-110-10AC-F | 10 Amps | 110 VAC |
| P-OR-230-10AC-F | 10 Amps | 230 VAC |
- Overload** : 10% Max
- Drop** : 1.2 Volts max AC @ 10Amps
- Di-Electric Strength** : 1 KVAC
(between Input / Output to body)
- Insulation Resistance** : 100 Mega Ohms @ 500VDC Min.
(between Input / Output to body)
- Working Temperature** : 55 degree C Ambient Max.
- Indicators**
- Input Power supply** : 2 Red LED for each power supply
2 Green LED for Relay supply
- Output Power supply** : 1 Green LED for Output
- Output** : 1 C/O Relay Contact
Rated 5A @ 24VDC & 5A @ 230VAC
in case of failure of any one of the Input power supply
- Change Over time** : 5 msec Max.
- Input side Fuse** : 10 A Fast blow fuses
- Conductor Cross Section** : 16 mm square solid - AWG 6
10 mm square solid - AWG 6
- Mounting** : 35 mm Din RAIL
- Weight** : 4.50 Kgs

Note :
Separate Phase and Neutral to be provided from different sources

Approvals





AC OR-ING UNIT

Model No. : P-OR-110-20AC-FM

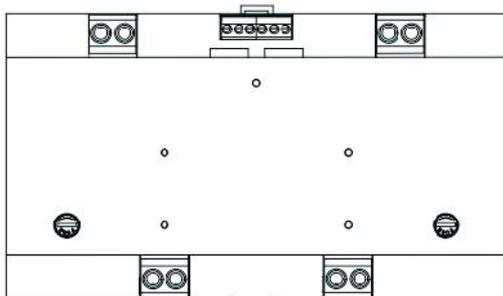
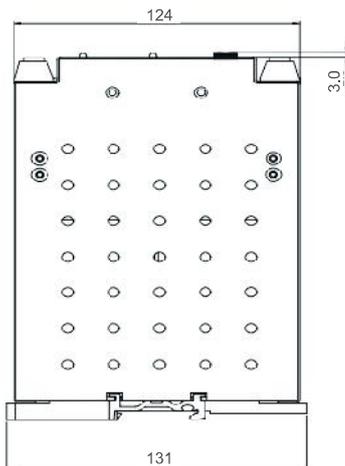
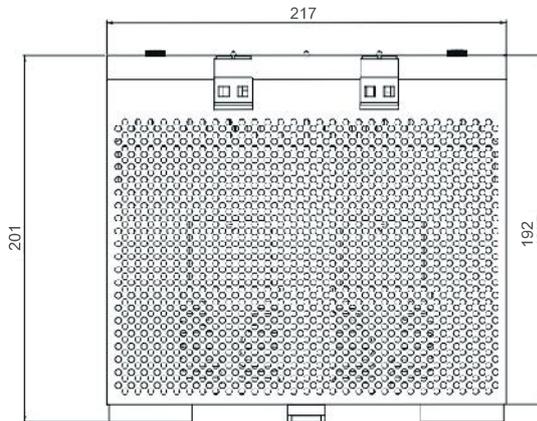
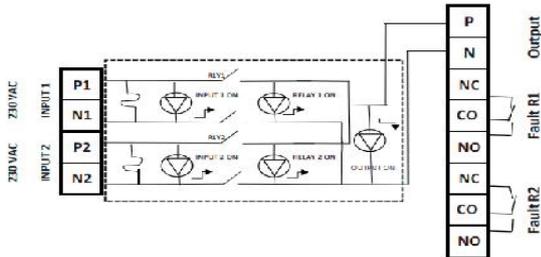
Model No. : P-OR-230-20AC-FM

Model No. : P-OR-110-40AC-FM

Model No. : P-OR-230-40AC-FM

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

SPECIFICATION

- Input** : 110VAC Supply - 2nos. (standard)
230VAC Supply - 2nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|------------------|----------------|---------|
| P-OR-110-20AC-FM | 20 Amps | 110 VAC |
| P-OR-230-20AC-FM | 20 Amps | 230 VAC |
| P-OR-110-40AC-FM | 40 Amps | 110 VAC |
| P-OR-230-40AC-FM | 40 Amps | 230 VAC |
- Overload** : 10% Max
- Drop** : 1.2 Volts max AC @ 40Amps
- Di-Electric Strength** : 1 KVAC
(between Input / Output to body)
- Insulation Resistance** : 100 Mega Ohms @ 500VDC Min.
(between Input / Output to body)
- Working Temperature** : 55 degree C Ambient Max.
- Indicators**
- Input Power supply** : 2 Red LED for each power supply
2 Green LED for Relay supply
- Output Power supply** : 1 Green LED for Output
- Output** : 1 C/O Relay Contact
Rated 5A @ 24VDC & 5A @ 230VAC
in case of failure of any one of the Input power supply
- Change Over time** : 5 msec Max.
- Input side Fuse** : 10 A Fast blow fuses
- Conductor Cross Section** : 16 mm square solid - AWG 6
10 mm square solid - AWG 6
- Mounting** : 35 mm Din RAIL
- Weight** : 4.5 Kgs

Note :

- 1) Double pole MCB is a MUST TO be used
- 2) Separate Phase and Neutral to be provided from different sources

Approvals

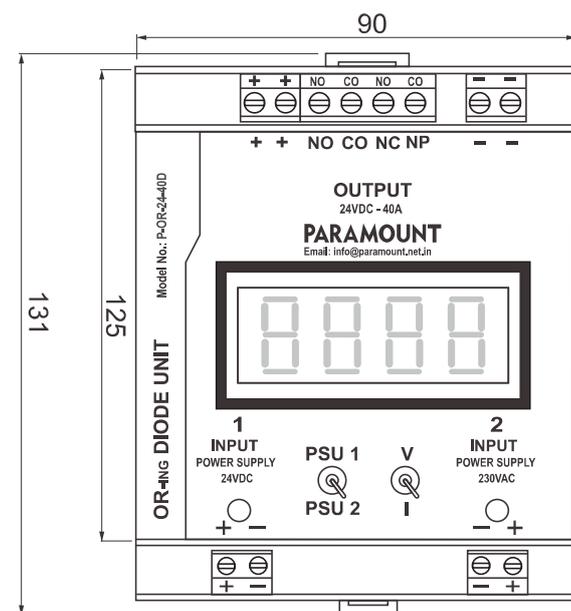
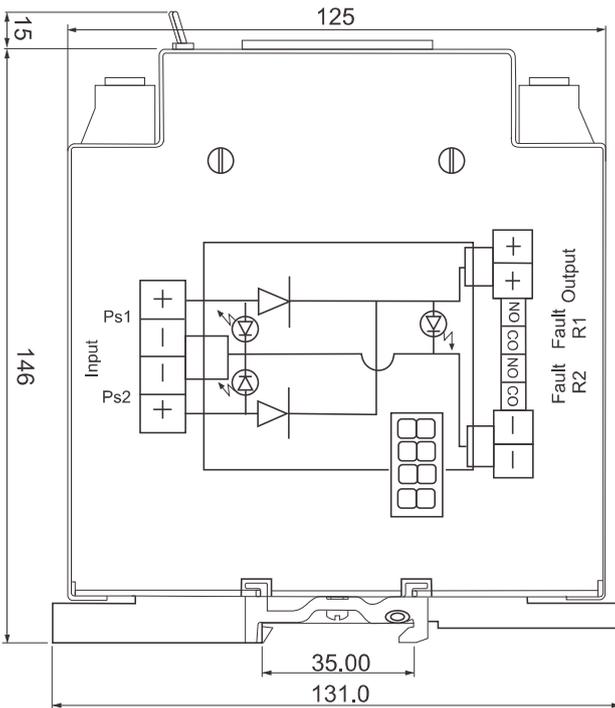




OR-ING DIODE UNIT WITH DIGITAL DISPLAY

Model No. : P-OR-24-40D

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	:	24VDC 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>40 Amps</td> <td>24 VDC</td> </tr> </tbody> </table>	Model No.	Current Rating	Voltage	P-OR-24-40D	40 Amps	24 VDC
Model No.	Current Rating	Voltage						
P-OR-24-40D	40 Amps	24 VDC						
Overload	:	10% Max						
Drop	:	0.65 volts max DC at 40A						
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	:							
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 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	:	0.20 - 6.0 mm ² solid						
Section	:	0.20 - 4.0 mm ² Stranded AWG - 24-10						
Dimension	:	131 x 90 x 146 (L x B x H) in mm						
Mounting	:	35 mm Din RAIL						
Weight	:	1.5 Kgs. Approx						

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

Approvals



DETACHABLE CONNECTOR TYPE DIODE BLOCK UNIT

Power supply fault output
NC relay contact

Input power ON Indicator

Output power ON Indicator

Detachable Connector

35mm DIN Rail Mountable

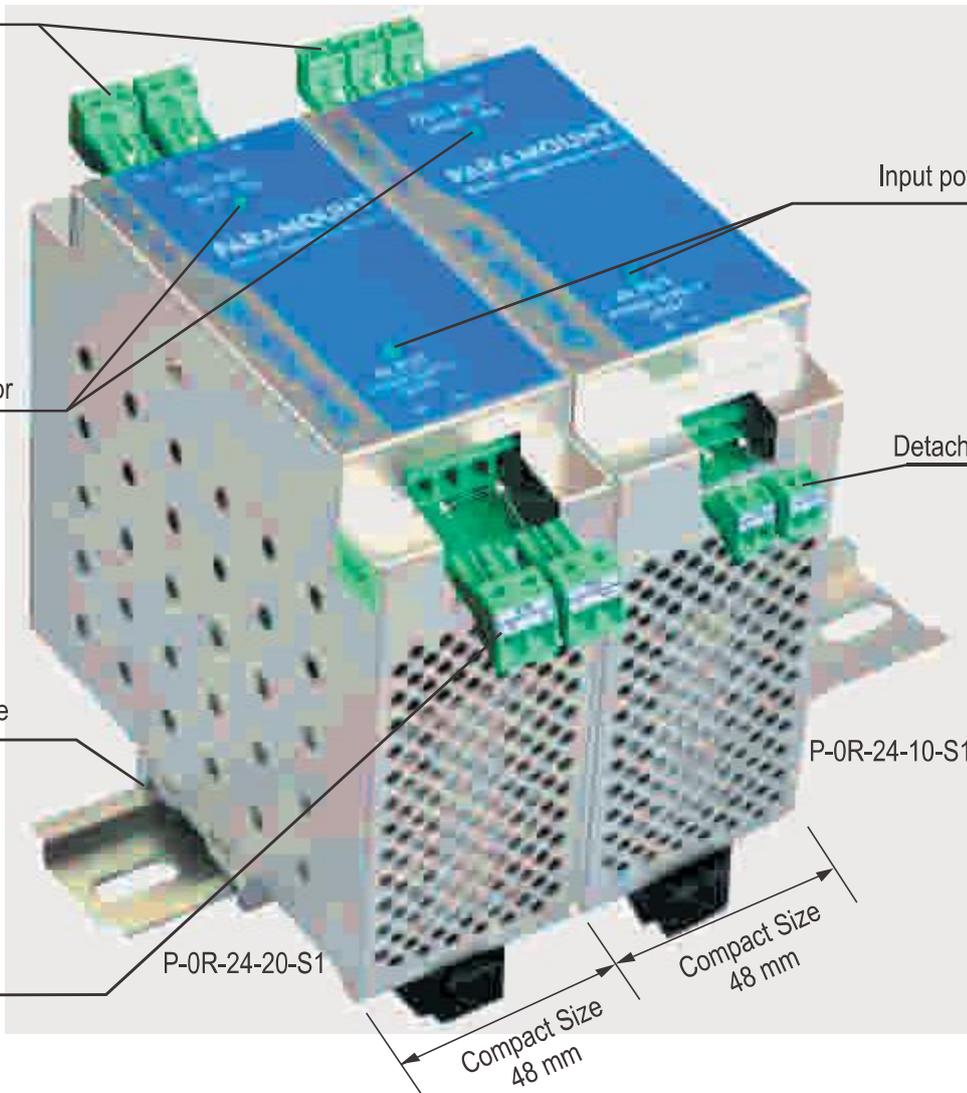
P-0R-24-10-S1

Power Supply Input

P-0R-24-20-S1

Compact Size
48 mm

Compact Size
48 mm



SCREW CONNECTOR TYPE DIODE BLOCK UNIT

Power supply fault output
NC relay contact

Output power ON Indicator

35mm DIN Rail Mountable

Power Supply Input

Input power ON Indicator

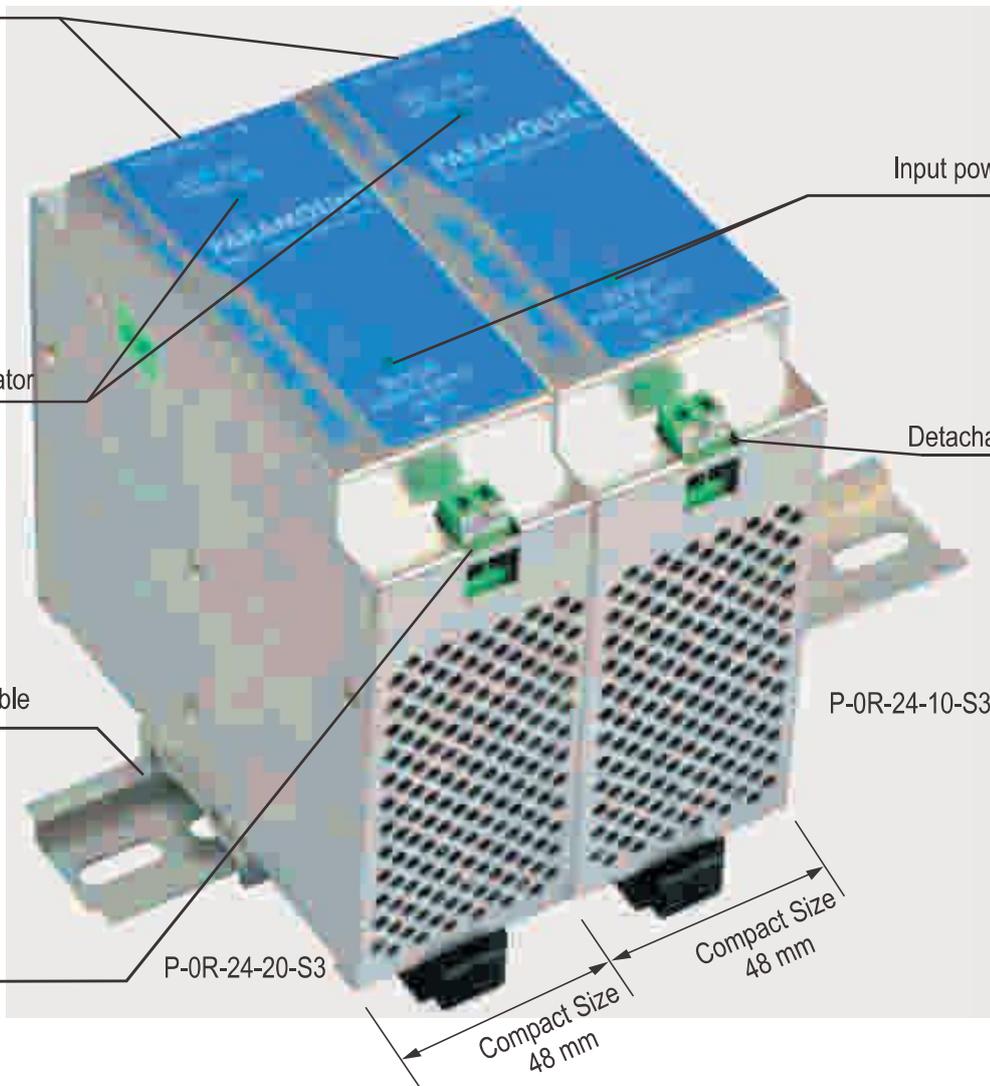
Detachable Connector

P-0R-24-10-S3

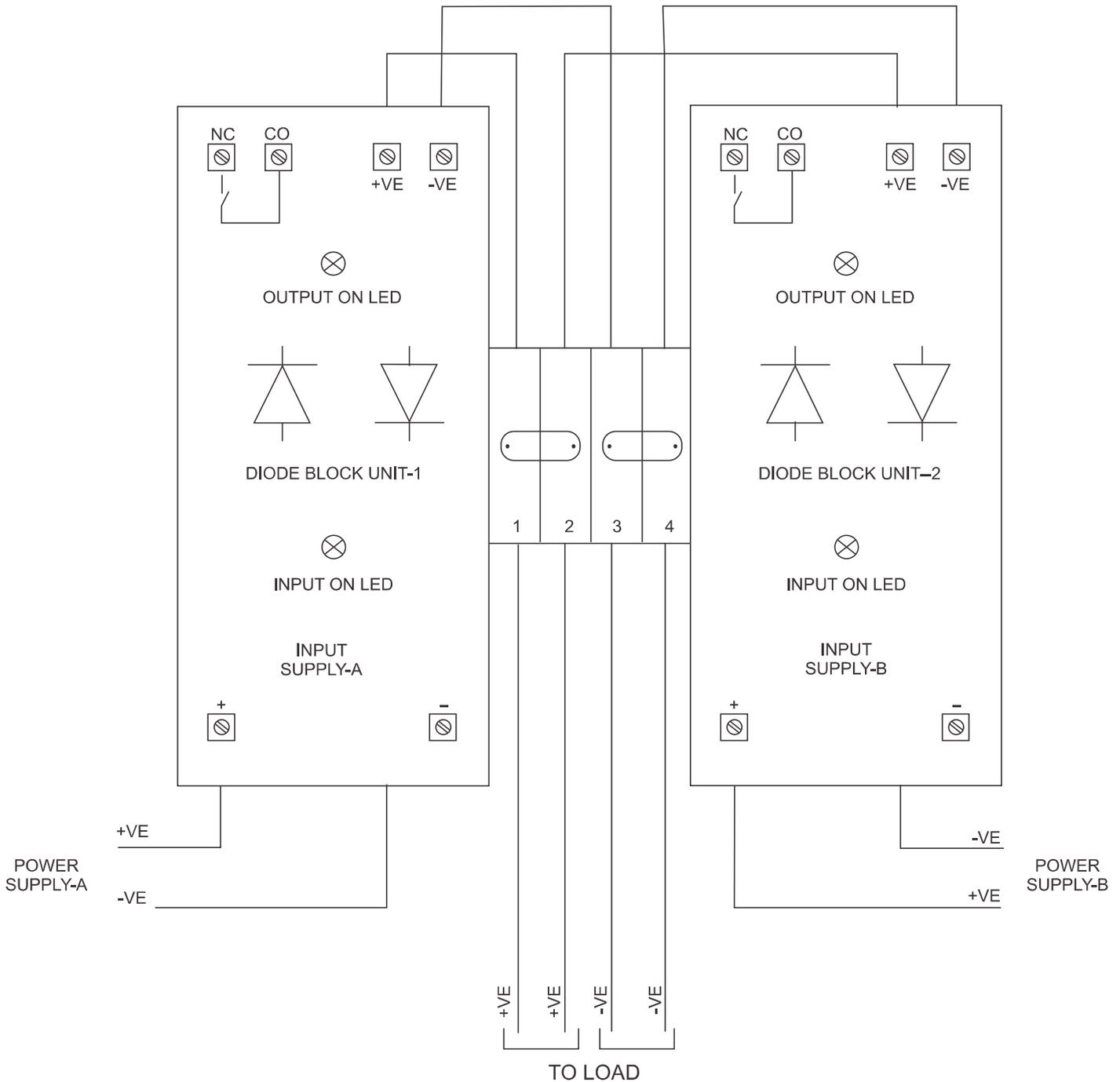
P-0R-24-20-S3

Compact Size
48 mm

Compact Size
48 mm



SCHEMATIC BLOCK DIAGRAM TO USE DIODE BLOCK FOR BOTH DETACHABLE & SCREW TYPE CONNECTOR



This Diode Block Unit has one Series diode in the +ve & -ve supply line in the unit. This isolates both +ve & -ve Power Supply lines with the other power supplies.

To create power supply redundancy through these units the output of each of power supply is connected at the input of each of these Diode Block Unit with right polarity & output from these units are connected in parallel i.e +ve terminal to +ve terminal & -ve terminal to -ve terminal at the output of each Diode Block Unit.

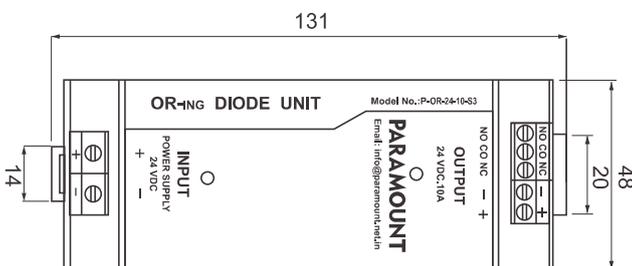
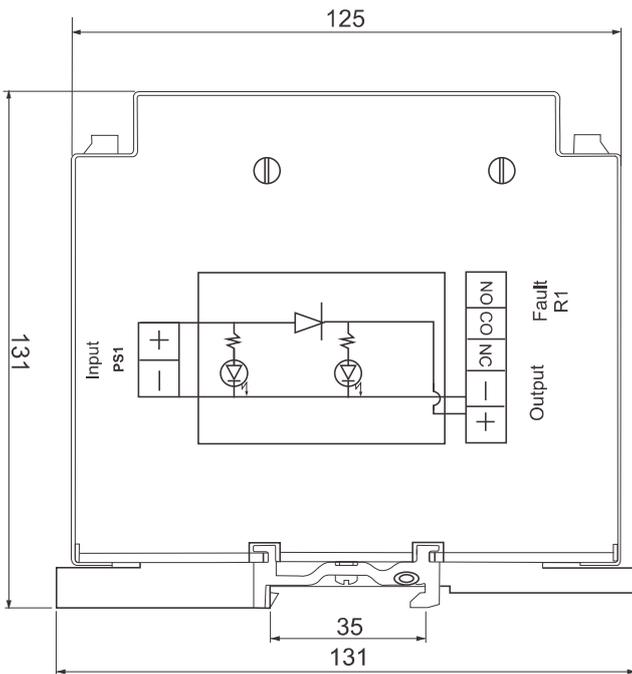
PI. Note : One Diode Block Unit is required for each one of the power supplies. There are two types of diode block available screw type connector & Detachable type connector.



OR-ING DIODE BLOCK SCREW TYPE

Model No. : P-OR-24-5-S3
 Model No. : P-OR-48-5-S3
 Model No. : P-OR-24-10-S3
 Model No. : P-OR-48-10-S3
 Model No. : P-OR-24-20-S3
 Model No. : P-OR-48-20-S3

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)

Output Current	Model No.	Current Rating	Voltage
	P-OR-24-5-S3	5 Amps	24 VDC
	P-OR-48-5-S3	5 Amps	48 VDC
	P-OR-24-10-S3	10 Amps	24 VDC
	P-OR-48-10-S3	10 Amps	48 VDC
	P-OR-24-20-S3	20 Amps	24 VDC
	P-OR-48-20-S3	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 : 200 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.

Approvals



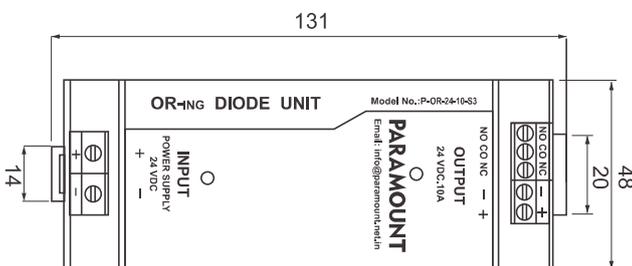
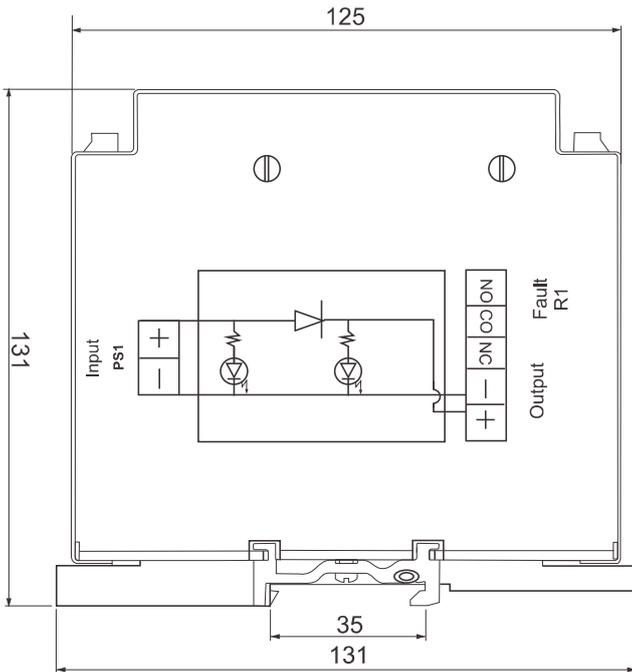


OR-ING DIODE BLOCK SCREW TYPE

Model No. : P-OR-24-40-S3

Model No. : P-OR-48-40-S3

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)

Output Current	Model No.	Current Rating	Voltage
	P-OR-24-40-S3	40 Amps	24 VDC
	P-OR-48-40-S3	40 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 : 200 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

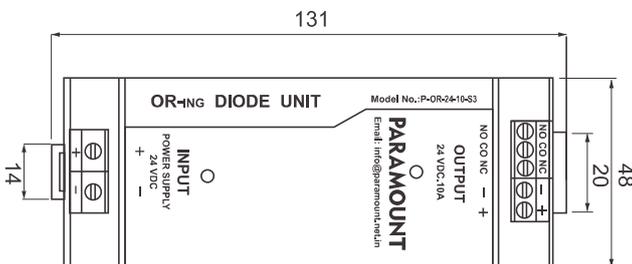
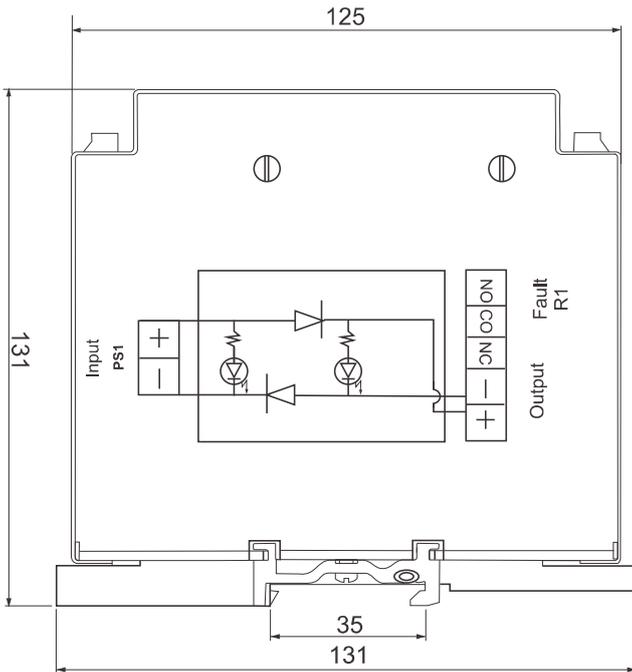
- Custom built OR ing units can be designed and built to suit the special requirements.



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	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

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.

Approvals





OR-ING DIODE BLOCK SCREW TYPE

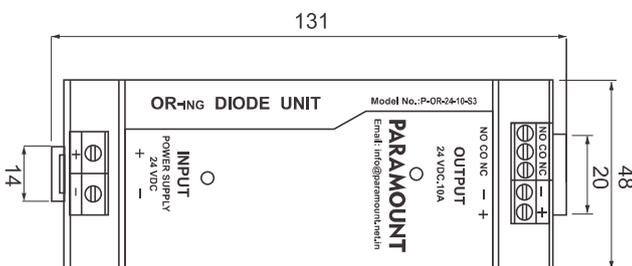
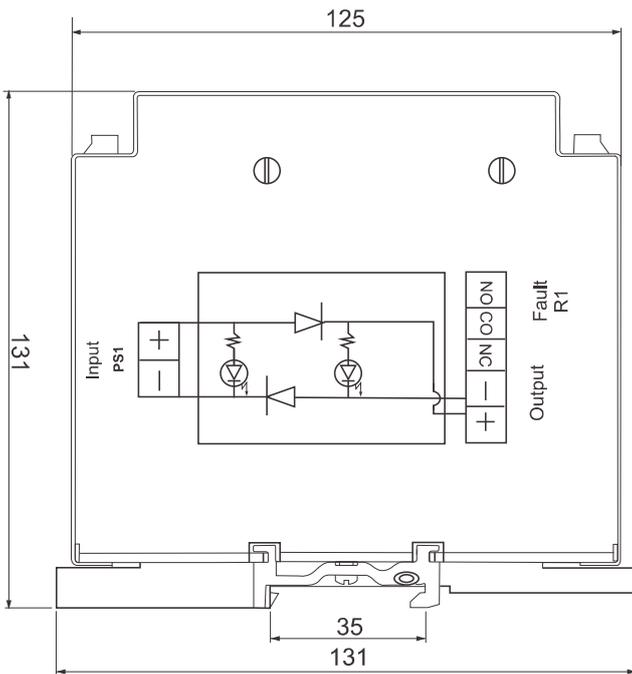
Model No. : P-OR-24-20-A4

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.

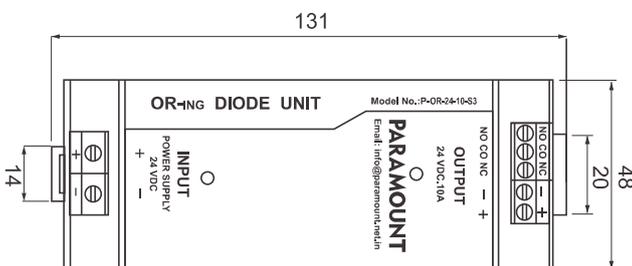
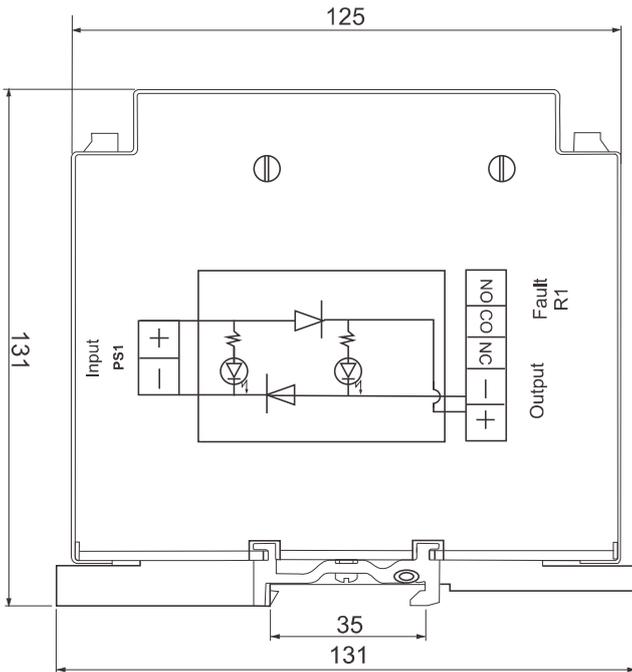


OR-ING DIODE BLOCK SCREW TYPE

Model No. : P-OR-24-40-A4

Model No. : P-OR-48-40-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)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|---------------|----------------|---------|
| P-OR-24-40-A4 | 40 Amps | 24 VDC |
| P-OR-48-40-A4 | 40 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** : 200 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 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
- Custom built OR ing units can be designed and built to suit the special requirements.



OR-ING DIODE BLOCK DETACHABLE TYPE

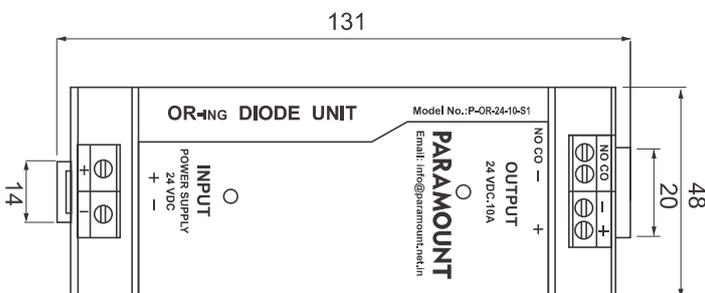
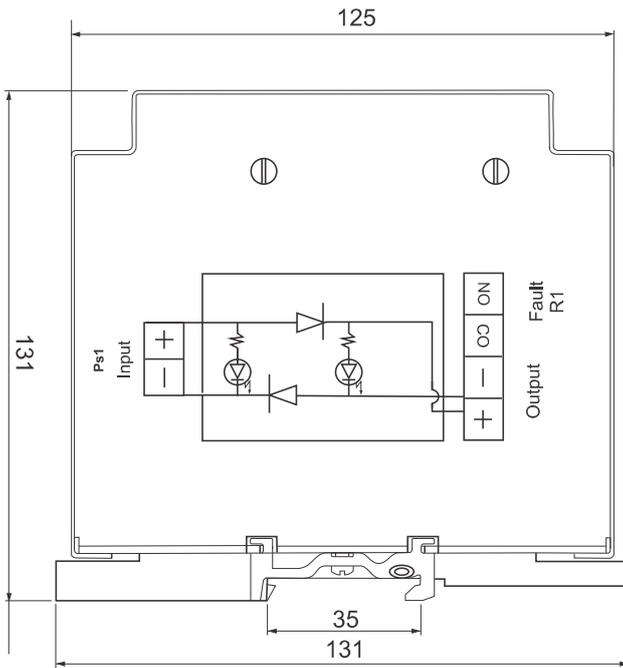
Model No. : P-OR-24-05-S1

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

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

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

Dimensions in mm



GENERAL INFORMATION

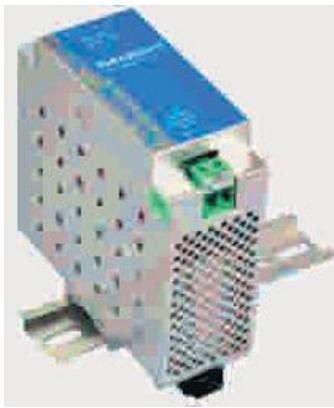
The Diode Block unit comprises of power supply isolating diodes in positive and negative supply lines of the input power supply. for redundancy in the power supply to the control unit the output of two or more such units are connected in parallel. In the situation where input to one of the oring unit 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 - 2nos. (standard)
48VDC Supply - 2nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|---------------|----------------|---------|
| P-OR-24-05-S1 | 05 Amps | 24 VDC |
| P-OR-24-10-S1 | 10 Amps | 24 VDC |
| P-OR-48-05-S1 | 05 Amps | 48 VDC |
| P-OR-48-10-S1 | 10 Amps | 48 VDC |
- Overload** : 10% Max
- Drop** : 0.65 volts max DC at 5A & 10A
- 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** : 0.20 - 2.5 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** : 0.5 Kgs. Approx
- Custom built OR ing units can be designed and built to suit the special requirements.

Approvals





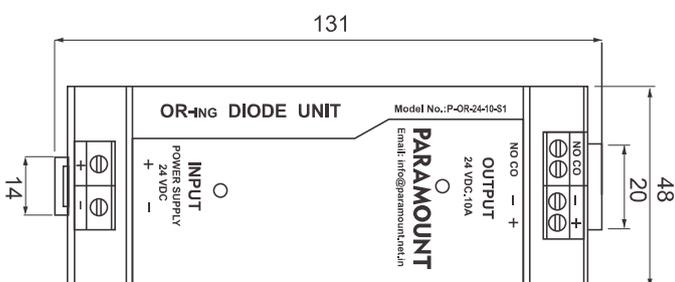
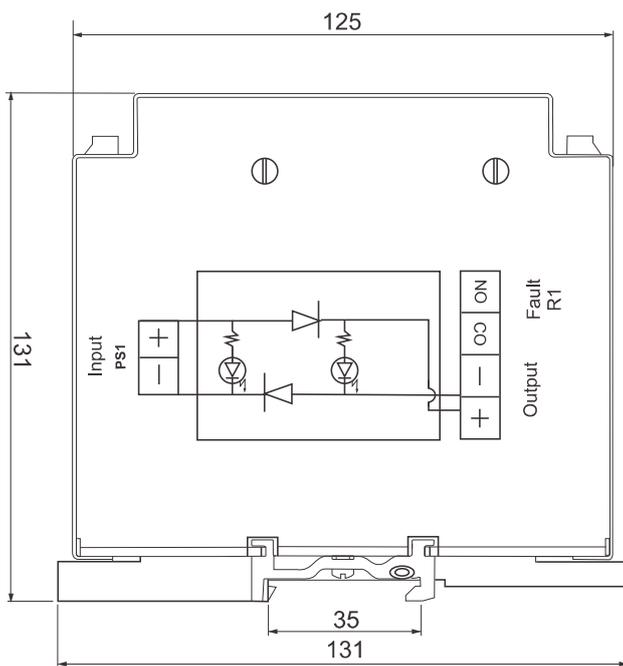
OR-ING DIODE BLOCK DETACHABLE TYPE

Model No. : P-OR-24-20-S1

Model No. : P-OR-48-20-S1

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 - 2nos. (standard)
48VDC Supply - 2nos. (standard)
- Output Current** :
- | Model No. | Current Rating | Voltage |
|---------------|----------------|---------|
| P-OR-24-20-S1 | 20 Amps | 24 VDC |
| P-OR-48-20-S1 | 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** : 0.20 - 4.0 mm² solid
- Section** : 0.20 - 4.0 mm² Stranded
AWG - 24 - 10
- Dimension** : 131 x 48 x 131 (L x B x H) in mm
- Mounting** : 35 mm Din RAIL
- Weight** : 0.5 Kgs. Approx

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

PARAMOUNT

EXPECT MORE...

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Specification may change in the view of product improvement without prior intimation.