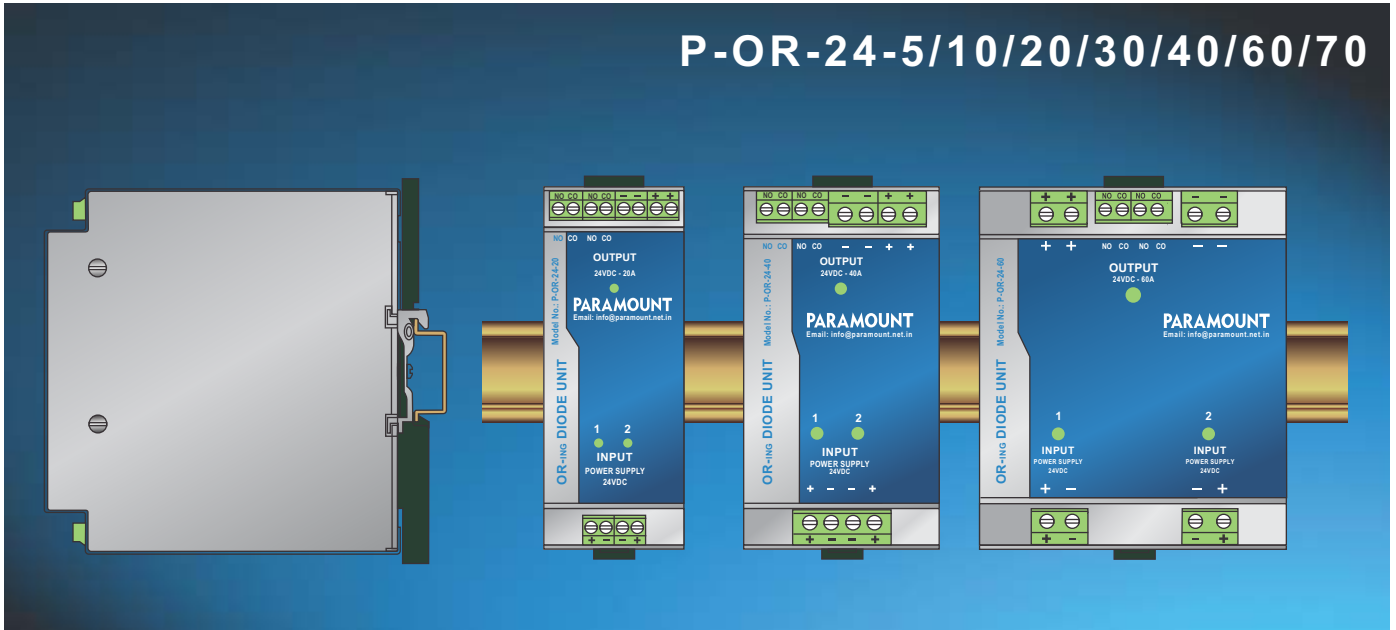
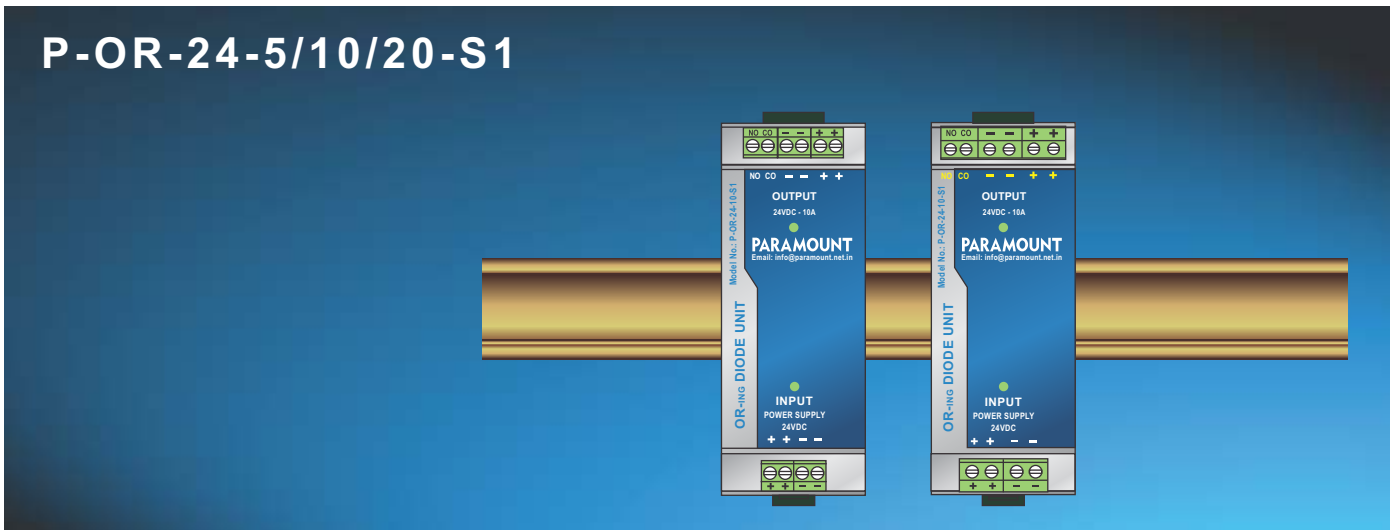


OR-ING DIODE UNIT

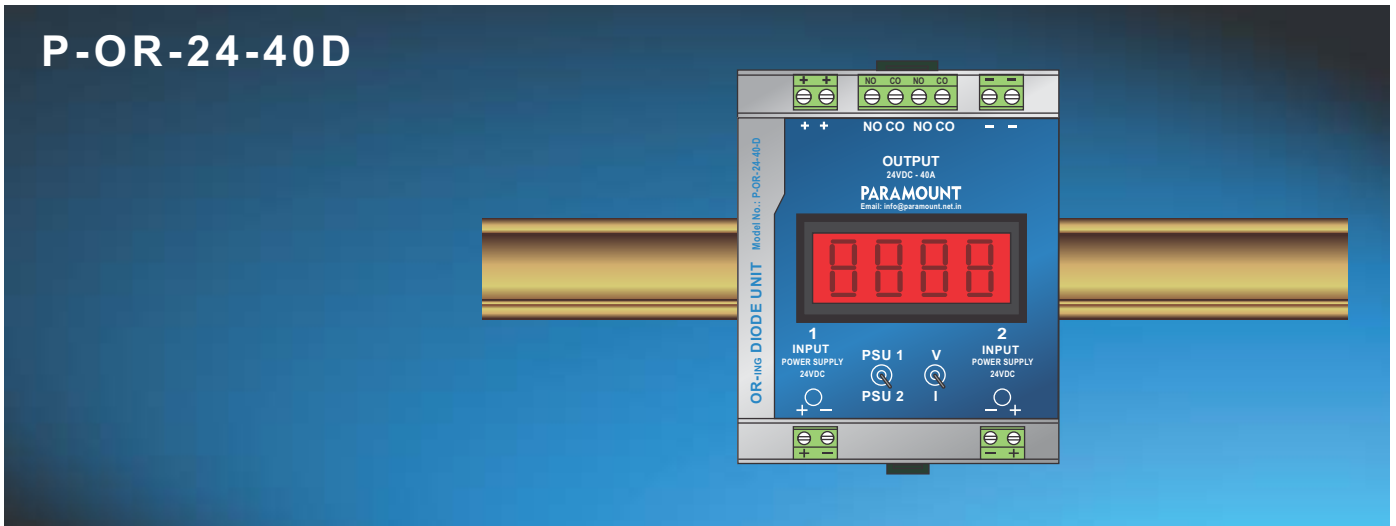
P-OR-24-5/10/20/30/40/60/70



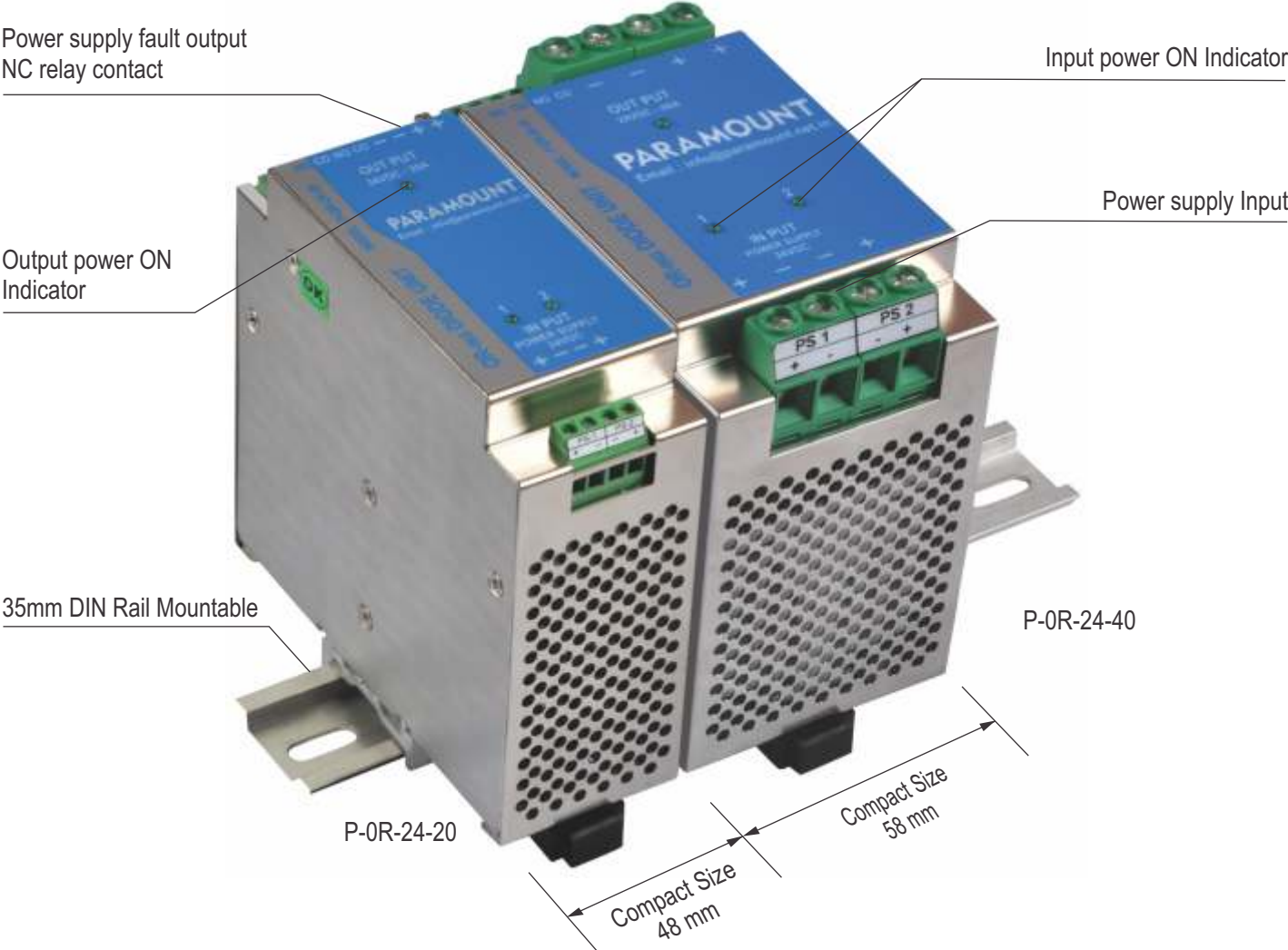
P-OR-24-5/10/20-S1



P-OR-24-40D



OR-ING DIODE UNIT





OR-ING DIODE UNIT

Model No.:P-OR-24-05

Model No.:P-OR-24-10

Model No.:P-OR-48-05

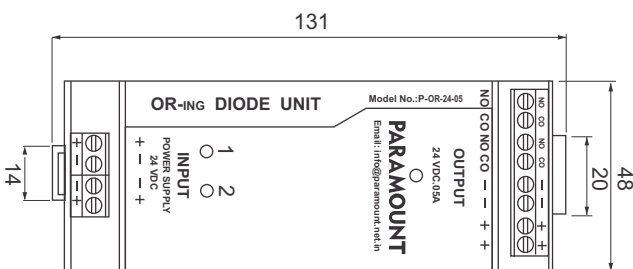
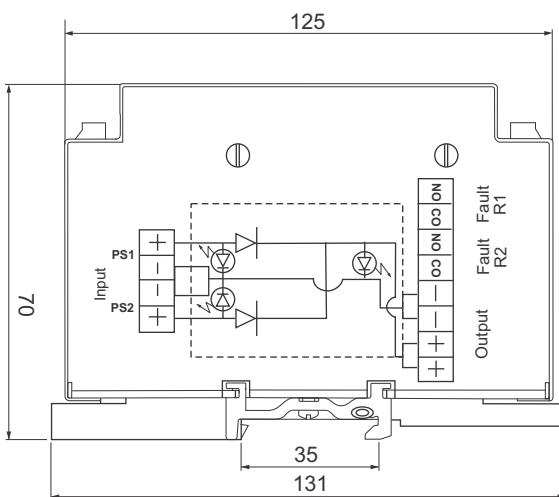
Model No.:P-OR-48-10

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input
- 24V DC supply -2nos (standard)
- 48V DC supply -2nos (standard)

Output current

| Model No. | Current Rating | Voltage |
|------------|----------------|---------|
| P-OR-24-05 | 05 Amps | 24VDC |
| P-OR-24-10 | 10 Amps | 24VDC |
| P-OR-48-05 | 05 Amps | 48VDC |
| P-OR-48-10 | 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
 incase 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 (LxBxH)mm - 131 x 48 x 70

Mounting -35mm DIN Rail

Weight -0.5Kg.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

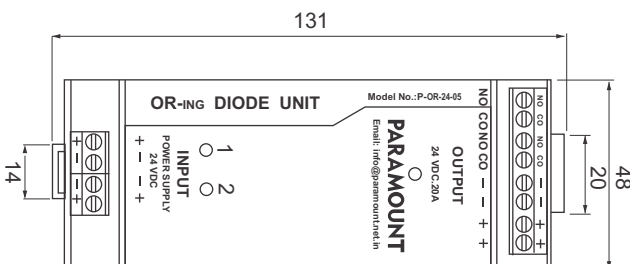
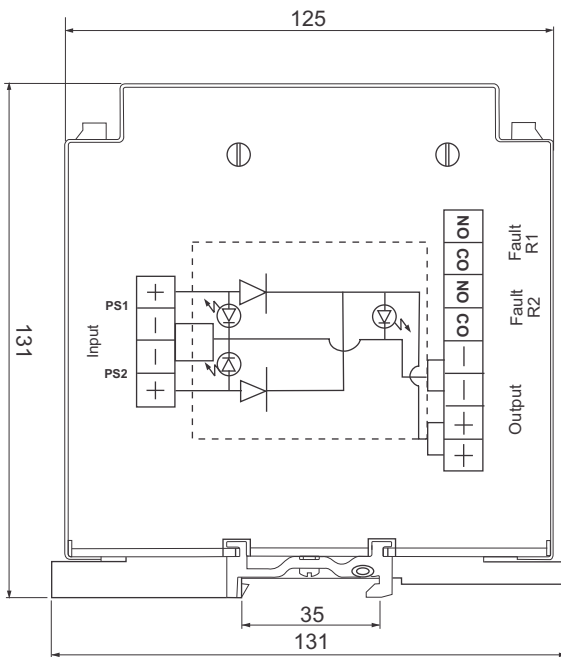
Model No.:P-OR-48-20

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input - 24V DC supply -2nos (standard)
- 48V DC supply -2nos (standard)

Output current

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

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 5Amps @ 24VDC/230VAC
incase 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 (LxBxH)mm - 131 x 48 x 131

Mounting

- 35mm DIN Rail

Weight

- 1.2Kg.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-24-30

Model No.:P-OR-24-40

Model No.:P-OR-48-30

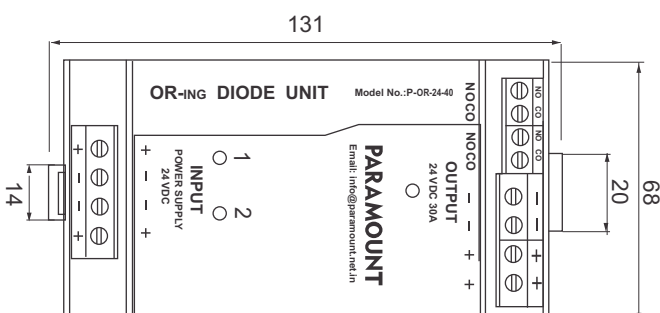
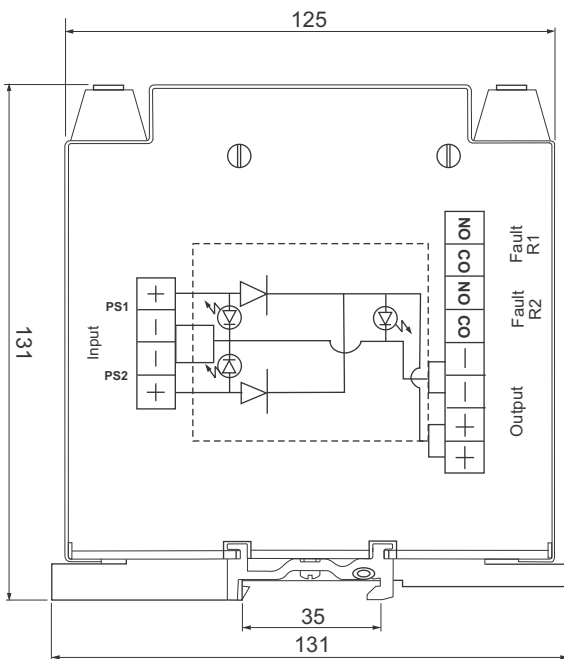
Model No.:P-OR-48-40

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input

- 24V DC supply -2nos (standard)
- 48V DC supply -2nos (standard)

Output current

| Model No. | Current Rating | Voltage |
|------------|----------------|---------|
| P-OR-24-30 | 30 Amps | 24VDC |
| P-OR-24-40 | 40 Amps | 24VDC |
| P-OR-48-30 | 30 Amps | 48VDC |
| P-OR-48-40 | 40 Amps | 48VDC |

Overload

- 10% max.

Drop

- 0.65 volts max DC at 30A & 40A

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
incase of failure of any one the input power supply.

Conductor cross section

- 16 mm² solid
- 10 mm² stranded
- AWG 6

Dimension (LxBxH)mm

- 131 x 68 x 131

Mounting

- 35mm DIN Rail

Weight

- 1.4Kg.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-24-60

Model No.:P-OR-24-70

Model No.:P-OR-48-60

Model No.:P-OR-48-70

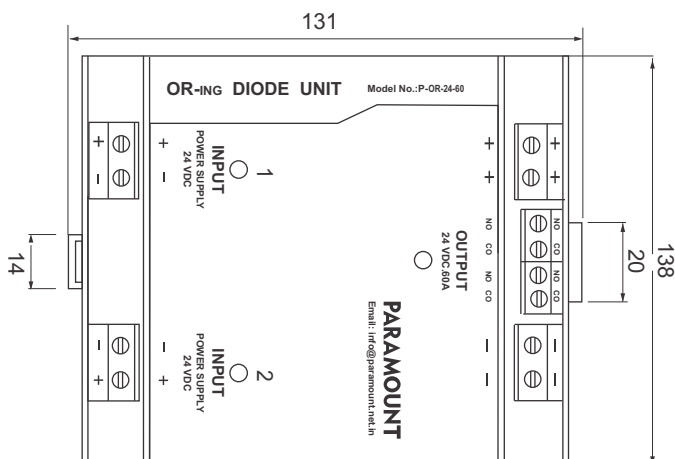
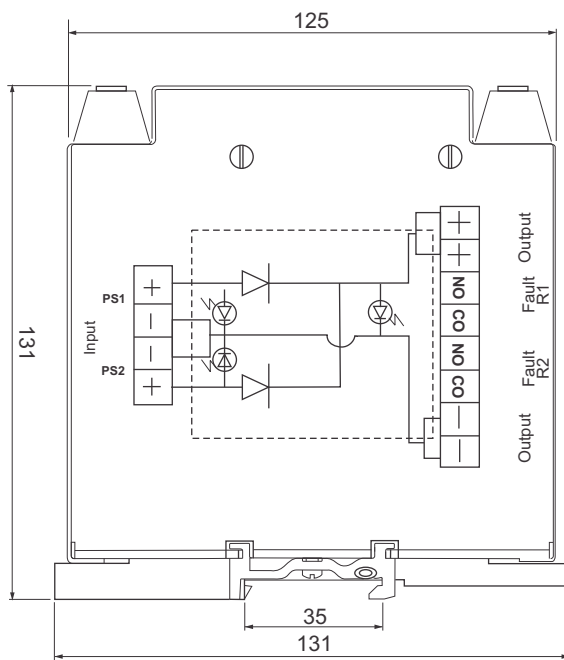
Model No.:P-OR-220-40A

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input - 220V DC supply -2nos (standard)
- 48V DC supply -2nos (standard)

| Output current | Model No. | Current Rating | Voltage |
|----------------|-------------|----------------|---------|
| | P-OR-24-60 | 60Amps | 24VDC |
| | P-OR-24-70 | 70Amps | 24VDC |
| | P-OR-48-60 | 60Amps | 48VDC |
| | P-OR-48-70 | 70Amps | 48VDC |
| | P-OR-220-40 | 40Amps | 220VDC |

Overload -10% max.

Drop - 0.65 volts max DC at 60A
- 0.70 volts max DC at 70A

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 any one the input power supply.

Conductor cross section -16 mm² solid
-10 mm² stranded
AWG 6

Dimension (LxBxH)mm -131 x 138 x 131

Mounting -35mm DIN Rail

Weight -2.7Kg.Approx

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

Approvals



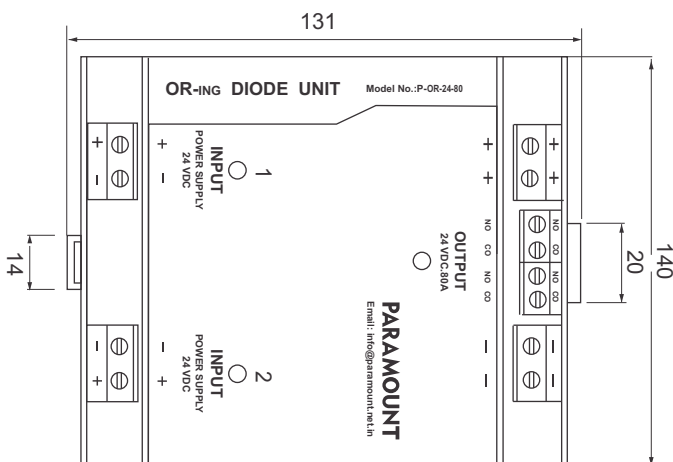
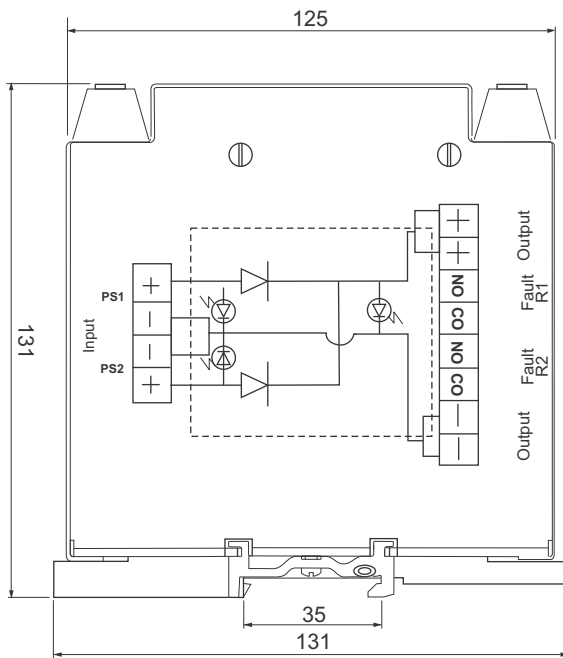
OR-ING DIODE UNIT

Model No.: P-OR-24-80

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 -2no's (standard)

| Output current | Model No. | Current Rating | Voltage |
|----------------|------------|----------------|---------|
| | P-OR-24-80 | 80 Amps | 24VDC |

Overload -10%max.

Drop -1.2 volts max DC at 80A

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 - 0.2-4.0²mm solid
0.2-2.5²solid
AWG 24-12

Dimension (LxBxH) in mm- 131 x 140x 131mm approximate

Mounting - 35 mm DIN Rail

Weight

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

Approvals



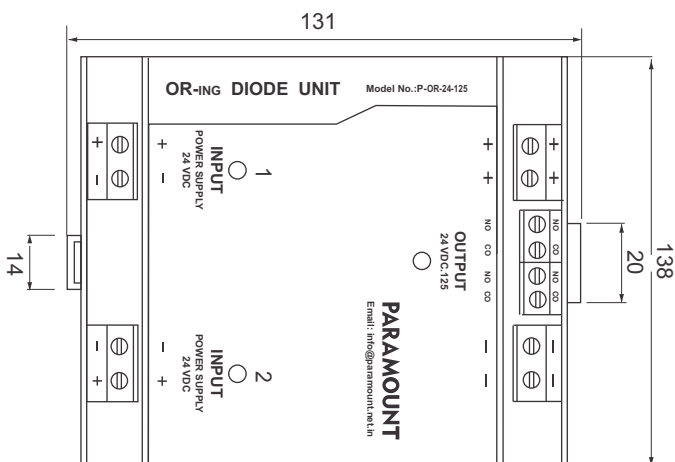
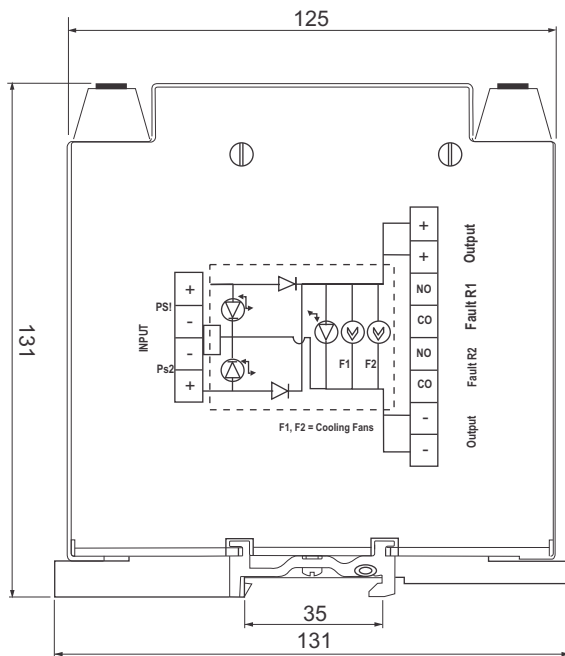
OR-ING DIODE UNIT

Model No.: P-OR-24-125

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 -2no's (standard)

| Output current | Model No. | Current Rating | Voltage |
|----------------|-------------|----------------|---------|
| | P-OR-24-125 | 125 Amps | 24VDC |

Overload -10%max.

Drop - 1.2 volts max DC at 125A

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 - 0.2-4.0²mm solid
0.2-2.5²solid
AWG 24-12

Dimension (LxBxH) in mm- 131 x 140x 131mm approximate

Mounting - 35 mm DIN Rail

Weight

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

Approvals



OR-ING DIODE UNIT

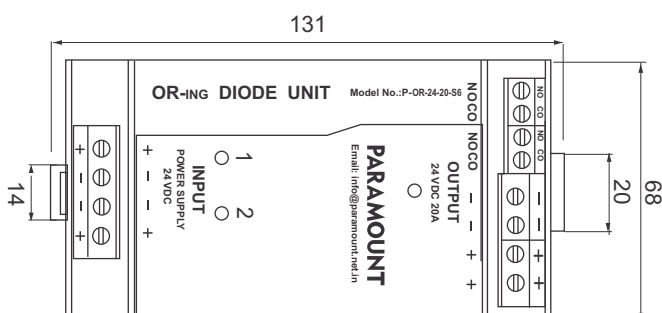
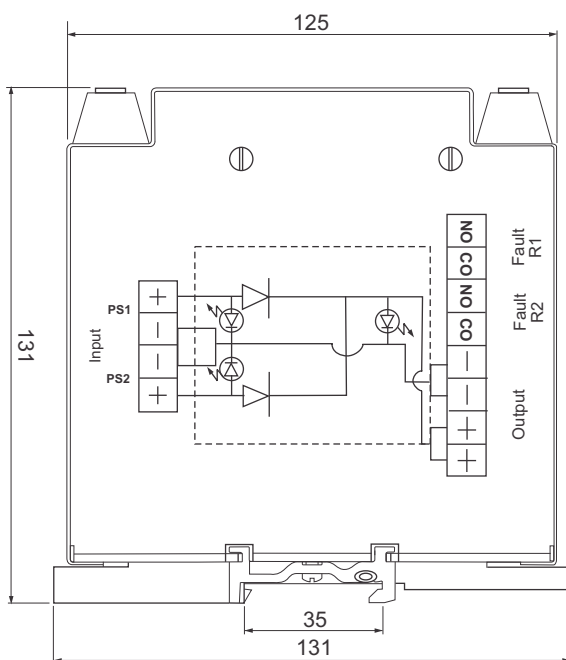
Model No.: P-OR-24-20-S6

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 -2no's (standard)

| Output current | Model No. | Current Rating | Voltage |
|----------------|---------------|----------------|---------|
| | P-OR-24-20-S6 | 20 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 -16 mm² solid
16 mm² stranded
AWG 6

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

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



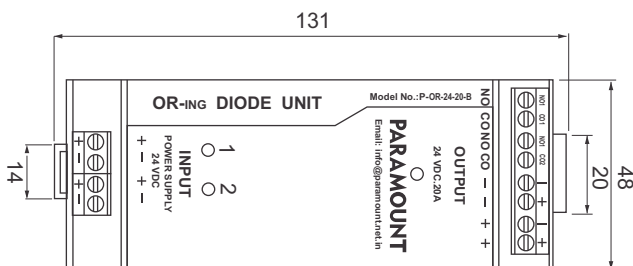
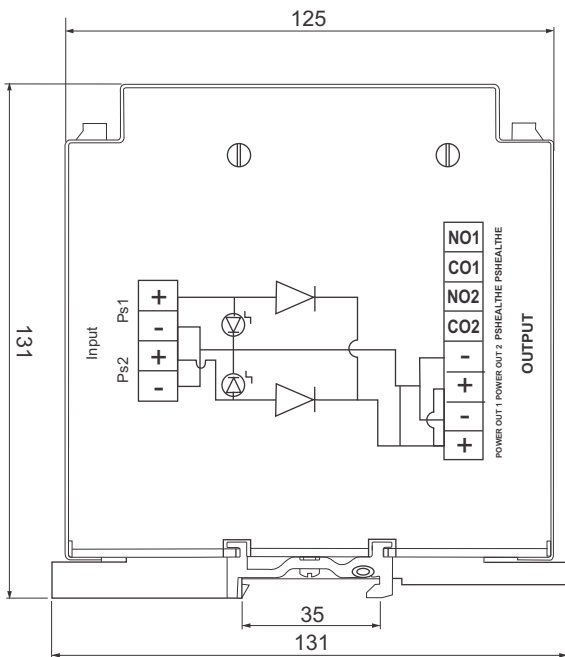
OR-ING DIODE UNIT

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

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 -2no's (standard)

| | | | |
|-----------------------|------------------|-----------------------|----------------|
| Output current | Model No. | Current Rating | Voltage |
| | P-OR-24-20-B | 20 Amps | 24VDC |

Overload Drop -10%max.
-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 -55⁰C 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 mm² solid
 0.2 - 2.5 mm² stranded
 AWG 24-12

Dimension (LxBxH) in mm-131 x 48 x 131

Mounting -35 mm DIN Rail

Weight -1.2Kgs.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-110-10

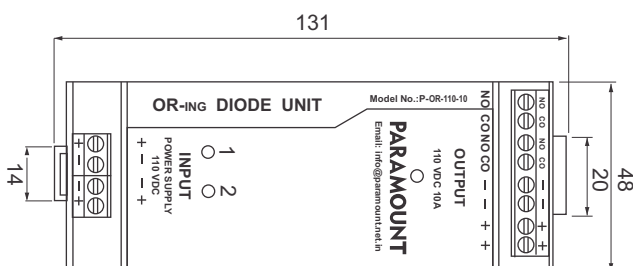
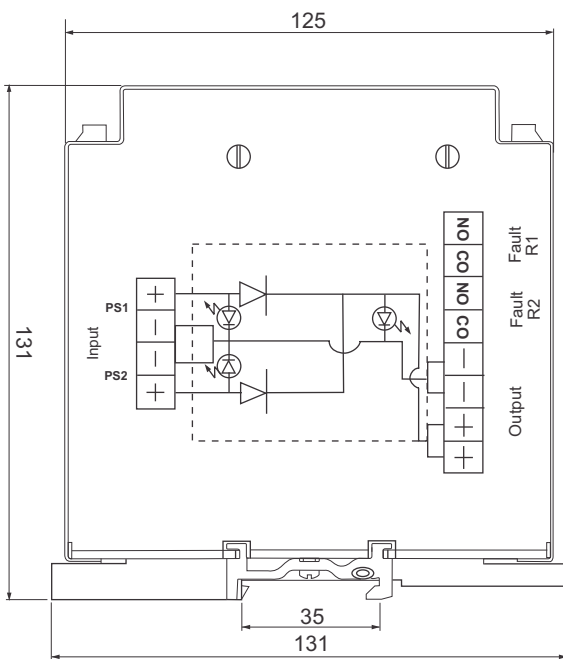
Model No.:P-OR-220-10

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input - 110V DC supply -2nos (standard)
- 220V DC supply -2nos (standard)

Output current

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

Overload -10%max.

Drop -0.65 volts max DC at 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^oC Ambient max.

Indicators :

Input power supply -1 green LED for each power supply

Output power supply output -1 green LED for output
-1N/C Relay Contact
Rated 5Amps @ 24VDC/230VAC
incase 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 (LxBxH)mm -131 x 48 x 131

Mounting -35mm DIN Rail

Weight -1.2Kg.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

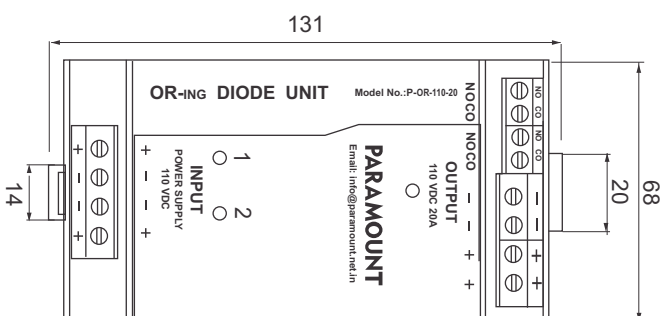
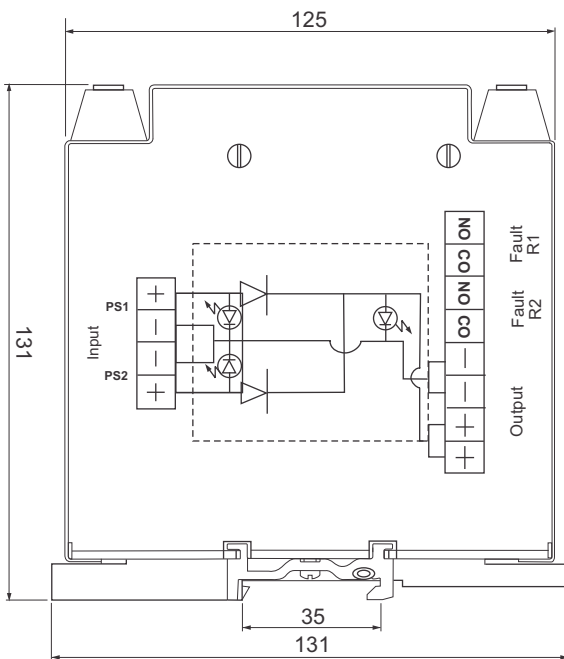
Model No.:P-OR-220-20

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions

in mm.



Specifications

Input

- 110V DC supply -2nos (standard)
- 220V DC supply -2nos (standard)

Output current

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

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 5Amps @ 24VDC/230VAC
in case of failure of any one the input power supply.

Conductor cross section

- 16 mm² solid
- 10 mm² stranded
- AWG 6

Dimension (LxBxH)mm

- 131 x 68 x 131

Mounting

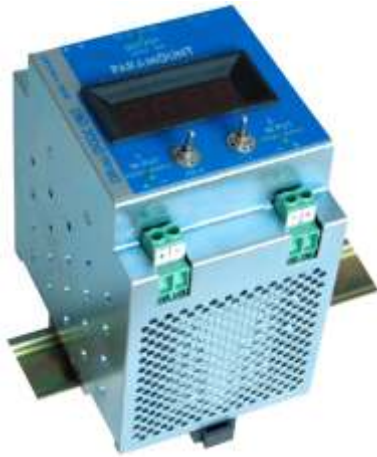
- 35mm DIN Rail

Weight

- 1.4Kg.Approx

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

Approvals



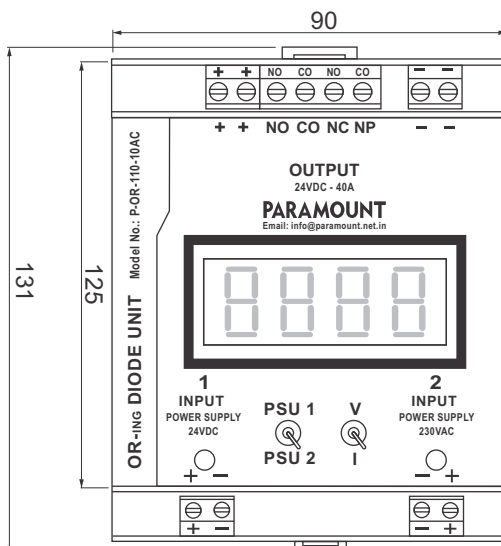
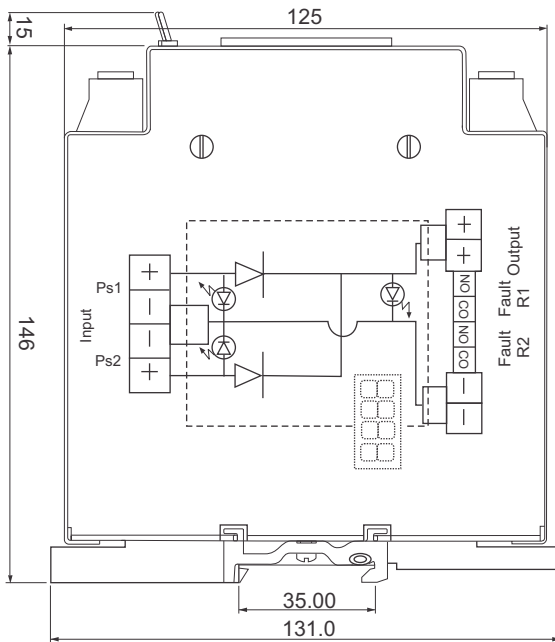
OR-ING DIODE UNIT WITH DIGITAL DISPLAY

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

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 source fails. In this situation of input power failure, the next power supply feeds the power quickly to prevent the system bus voltage from failing & bus collapse. 1 N/C relay contacts brought out for the each power supply failure alarm.

Dimensions in mm.



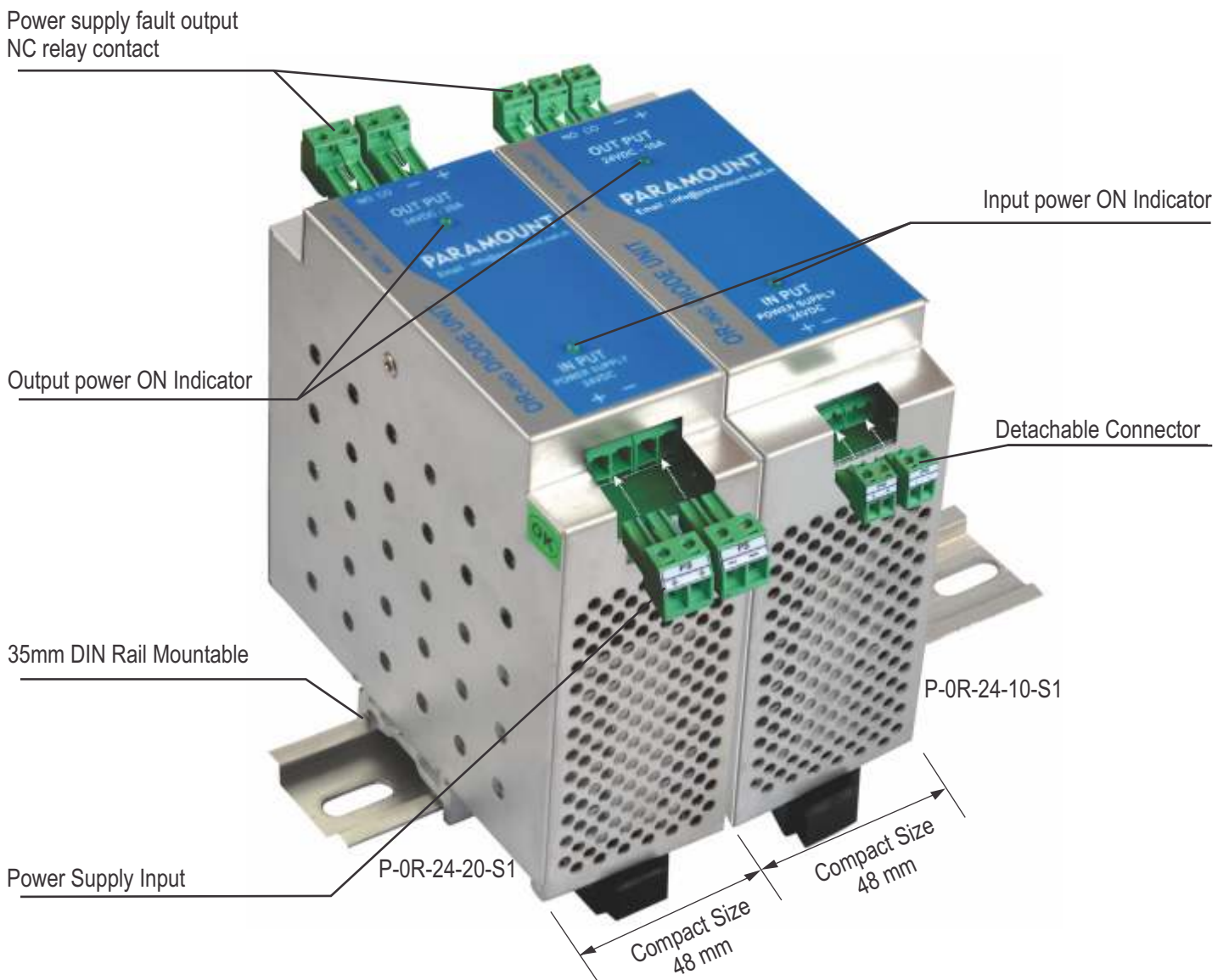
Specifications

| | | | |
|-----------------------------------|---|-----------------------|----------------|
| Input | - 24V DC supply -2nos (standard) | | |
| Output current | Model No. | Current Rating | Voltage |
| | P-OR-24-40D | 40Amps | 24VDC |
| Overload Drop | -10%max. -0.65 volts max DC at 40A | | |
| 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 | - 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 LEDs for each power supply | | |
| Output power supply output | - 1 green LED for output - 1N/C Relay Contact Rated 5Amps @ 24VDC/230VAC in case of failure of the input power supply. | | |
| Conductor cross section | -0.20 -6.0 mm ² solid 0.20 -4.0 mm ² stranded AWG 24-10 | | |
| Dimension (LxBxH)mm | - 131 x 90 x 146 | | |
| Mounting | -35mm DIN Rail | | |
| Weight | - 1.5Kg.Approx | | |

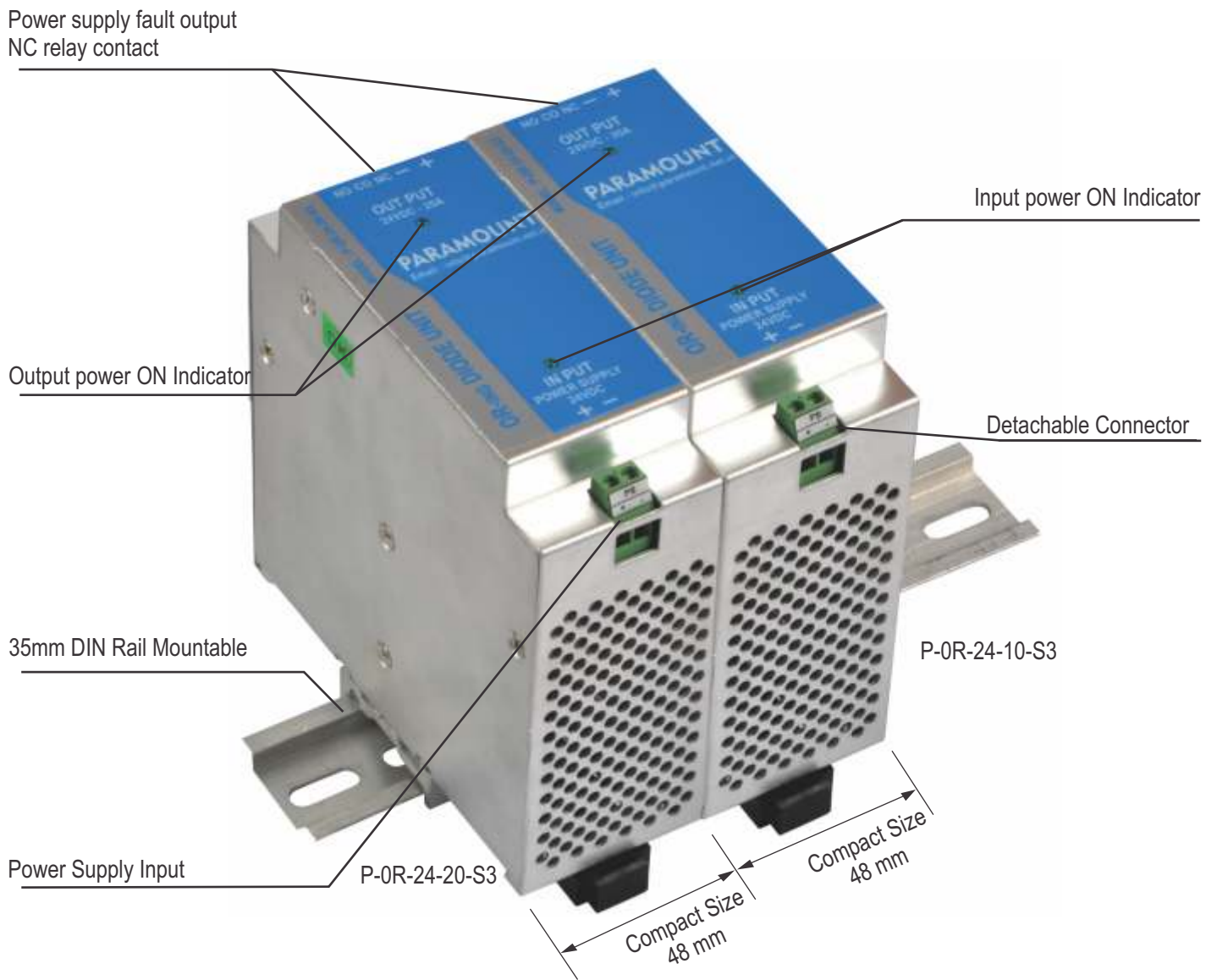
Custom built OR ing units can be designed and built to suit the special requirements.

Approvals

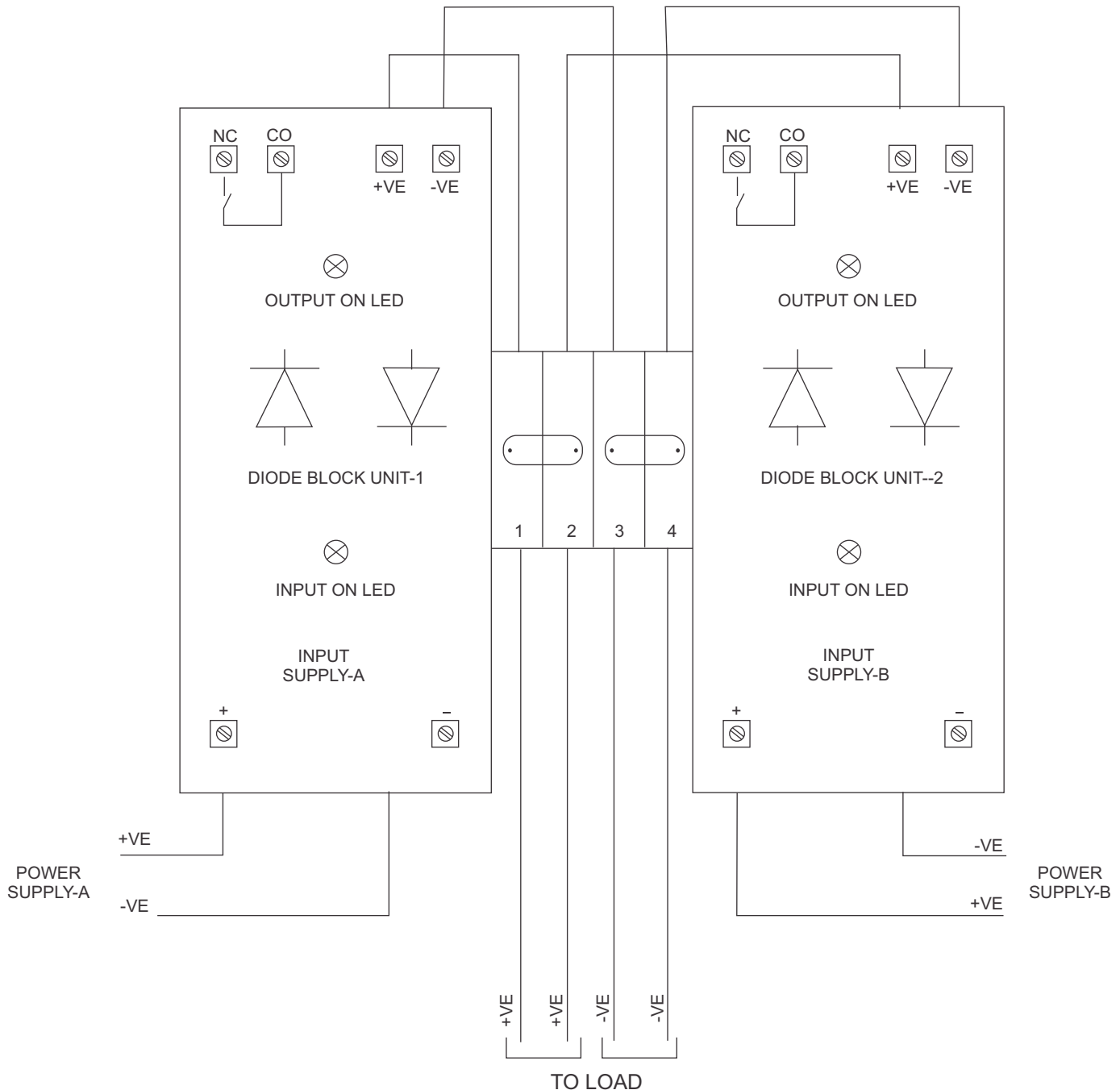
DETACHABLE CONNECTOR TYPE DIODE BLOCK UNIT



SCREW CONNECTOR TYPE DIODE BLOCK UNIT



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 ploarity & 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 DETACHABLE TYPE

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

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

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

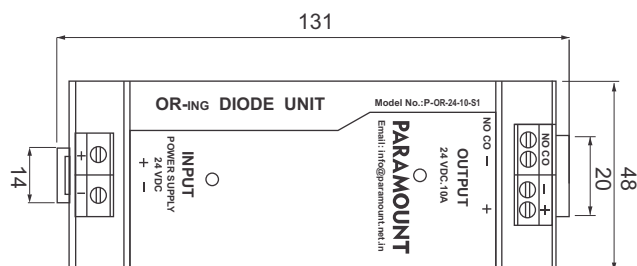
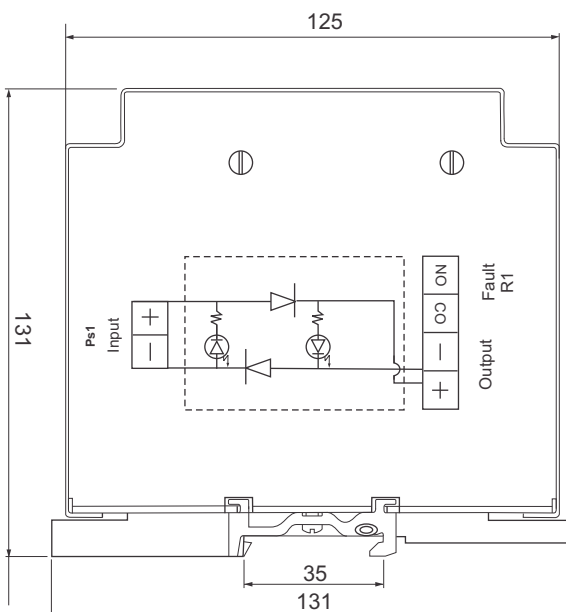
Model No.:P-OR-48-10-S1

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 | 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^oC 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
incase of failure of the input power supply.

Conductor cross section -0.20 - 2.5 mm² solid
0.20 - 2.5 mm² 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



OR-ING DIODE BLOCK DETACHABLE TYPE

Model No.:P-0R-24-20-S1

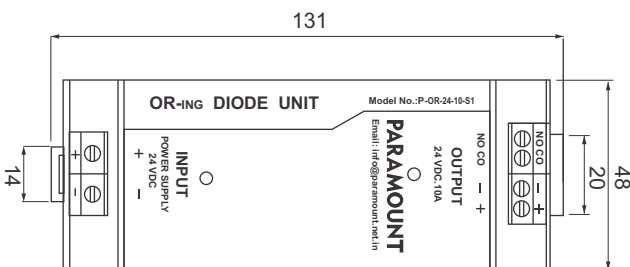
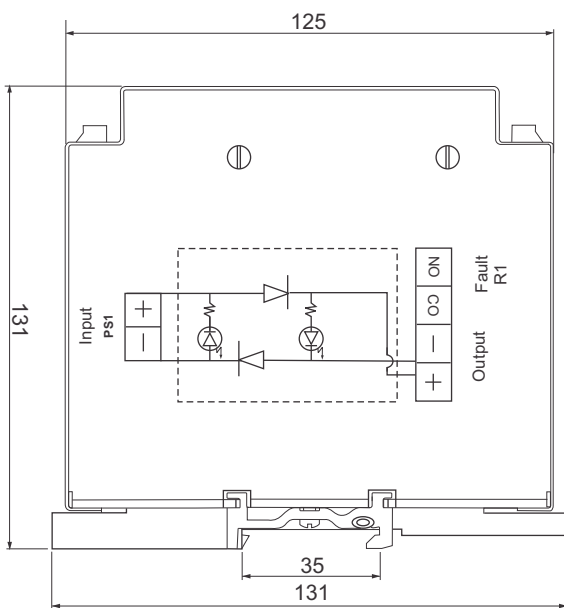
Model No.:P-0R-48-20-S1

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

Dimensions

in mm.



Specifications

Input
- 24V DC supply -1nos (standard)
- 48V DC supply -1nos (standard)

| Model No. | Current Rating | Voltage |
|---------------|----------------|---------|
| P-0R-24-20-S1 | 20 Amps | 24VDC |
| P-0R-48-20-S1 | 20 Amps | 48VDC |

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 5Amps @ 24VDC/230VAC
in case of failure of the input power supply.

Conductor cross section -0.20 - 4.0 mm² solid
0.20 - 4.0 mm² stranded
AWG 24-10

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



OR-ING DIODE BLOCK SCREW TYPE

Model No.: P-OR-24-5-S3

Model No.: P-OR-24-10-S3

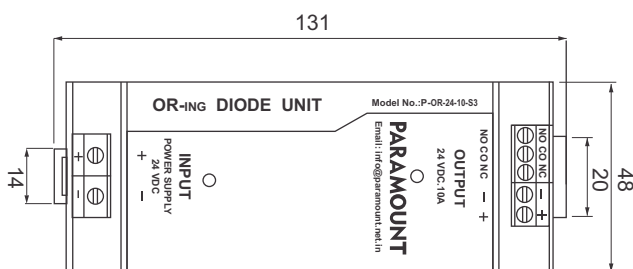
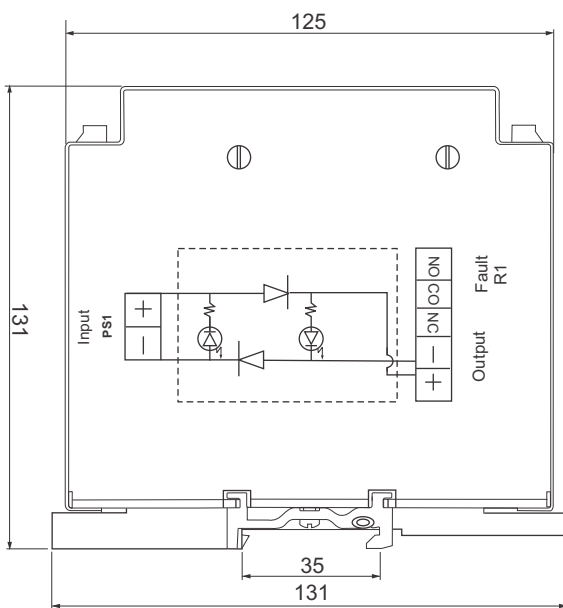
Model No.: P-OR-24-20-S3

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-24-5-S3 | 5 Amps | 24VDC |
| | P-OR-24-10-S3 | 10 Amps | 24VDC |
| | P-OR-24-20-S3 | 20 Amps | 24VDC |

Overload -10%max.

Drop -0.65 volts max DC at 5A,10A & 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 -0.2-4.0²mm solid
0.2-2.5²mm solid
AWG 24-12

Dimension (LxBxH) in mm-131 x 48 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



OR-ING DIODE BLOCK SCREW TYPE

Model No.: P-OR-110-10-A4

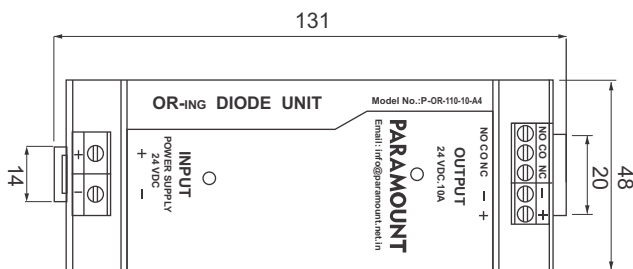
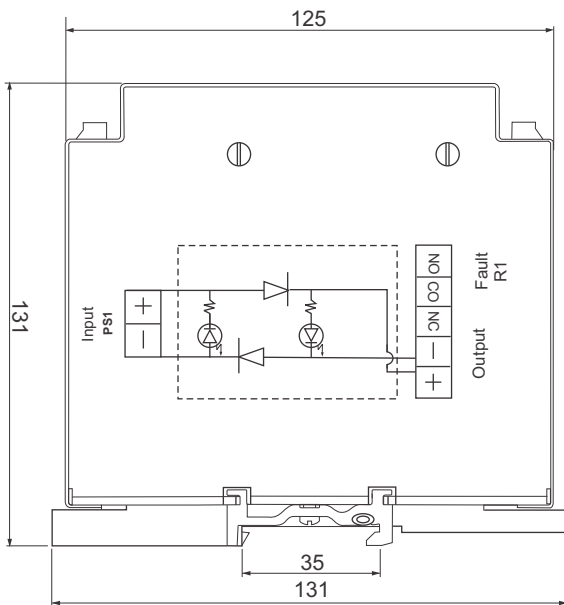
Model No.: P-OR-220-10-A4

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.



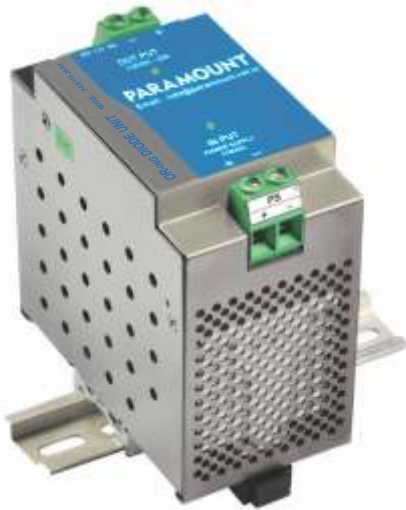
SAME AS 24-20-S1

Specifications

| Input | - 24 VDC supply -1no's (standard) 220VDC supply -1no's (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-110-10-A4</td> <td>5 Amps</td> <td>110VDC</td> </tr> <tr> <td>P-OR-220-10-A4</td> <td>10 Amps</td> <td>220VDC</td> </tr> </tbody> </table> | Model No. | Current Rating | Voltage | P-OR-110-10-A4 | 5 Amps | 110VDC | P-OR-220-10-A4 | 10 Amps | 220VDC |
| Model No. | Current Rating | Voltage | | | | | | | | |
| P-OR-110-10-A4 | 5 Amps | 110VDC | | | | | | | | |
| P-OR-220-10-A4 | 10 Amps | 220VDC | | | | | | | | |
| Overload Drop | -10% max. -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 output | -1 green LED for 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 ² mm solid 0.2-2.5 ² mm solid AWG 24-12 | | | | | | | | | |
| Dimension (LxBxH) in mm- | 131 x 48 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



OR-ING DIODE BLOCK SCREW TYPE

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

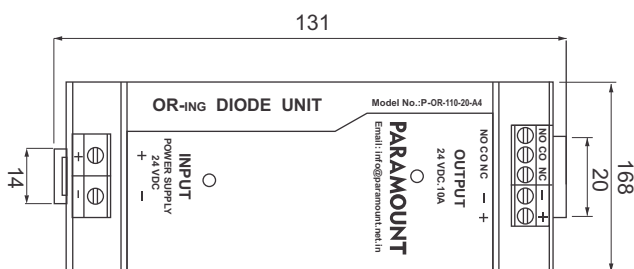
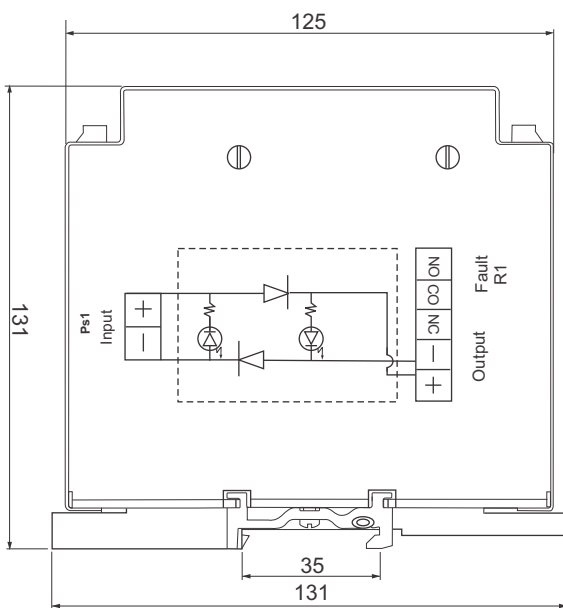
Model No.: P-OR-220-20-A4

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.

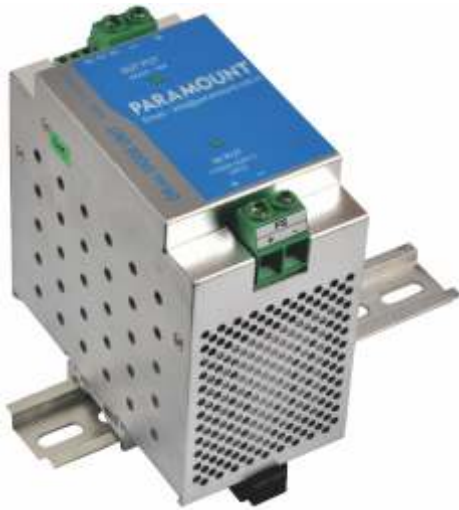


Specifications

- Input** - 110VDC supply -1no's (standard)
220VDC supply -1no's (standard)
- Output current** -
- | Model No. | Current Rating | Voltage |
|----------------|----------------|---------|
| P-OR-110-20-A4 | 20 Amps | 110VDC |
| P-OR-220-20-A4 | 20 Amps | 220VDC |
- Overload Drop** -10%max.
-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 output** -1 green LED for 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** - 16 mm²solid
16 mm²solid
AWG 6
- Dimension (LxBxH) in mm**-131 x 68 x 131
- Mounting** -35 mm DIN Rail
- Weight** -1.4Kgs.

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

Approvals



OR-ING DIODE BLOCK SCREW TYPE

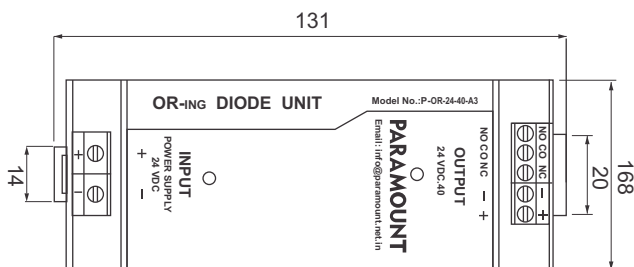
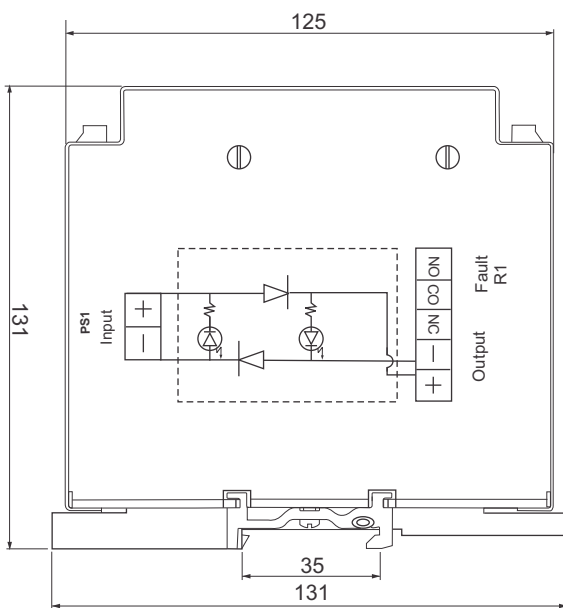
Model No.: P-OR-24-40-A3

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 - 0.2-4.0²mm solid
0.2-2.5²solid
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



AC OR-ING UNIT

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

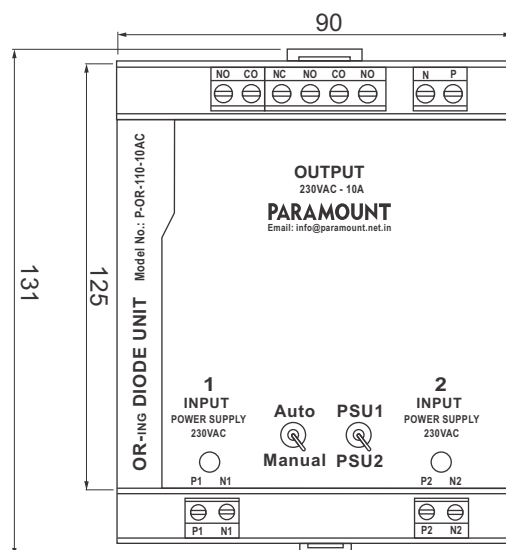
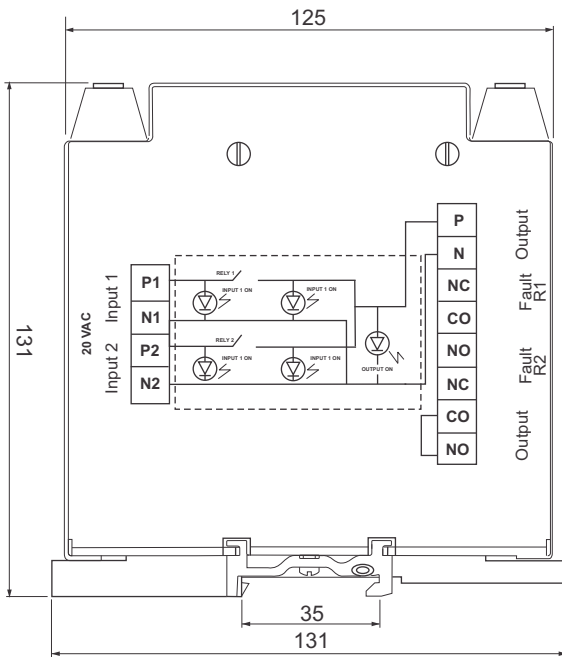
Model No.: P-OR-220-10AC

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 | - 110VAC Supply -2no's (standard) 230VAC Supply -2no's (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-110-10AC</td> <td>10 Amps</td> <td>110 VAC</td> </tr> <tr> <td>P-OR-230-10AC</td> <td>10 Amps</td> <td>230 VAC</td> </tr> </tbody> </table> | Model No. | Current Rating | Voltage | P-OR-110-10AC | 10 Amps | 110 VAC | P-OR-230-10AC | 10 Amps | 230 VAC |
| Model No. | Current Rating | Voltage | | | | | | | | |
| P-OR-110-10AC | 10 Amps | 110 VAC | | | | | | | | |
| P-OR-230-10AC | 10 Amps | 230 VAC | | | | | | | | |
| Overload Drop | -10%max. -1Volts max AC at 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 ⁰ C Ambient max. | | | | | | | | | |
| Indicators | : | | | | | | | | | |
| Input power supply | -2 Red LED for each power supply | | | | | | | | | |
| Output power supply | -2 green LED for Relay supply | | | | | | | | | |
| Output | -1C/O Relay Contact Rated 5A @ 24VDC & 5A @ 230VAC in case of failure of any one of the Input power supply | | | | | | | | | |
| Conductor Cross Section | -20-4.0 mm square solid 20-2.5 mm square stranded AWG - 24-12 | | | | | | | | | |
| Dimension (LxBxH) in mm- | 125 x 90 x 145 | | | | | | | | | |
| Mounting | - 35 mm DIN Rail | | | | | | | | | |
| Weight | - 1.4 Kgs. | | | | | | | | | |

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

Approvals



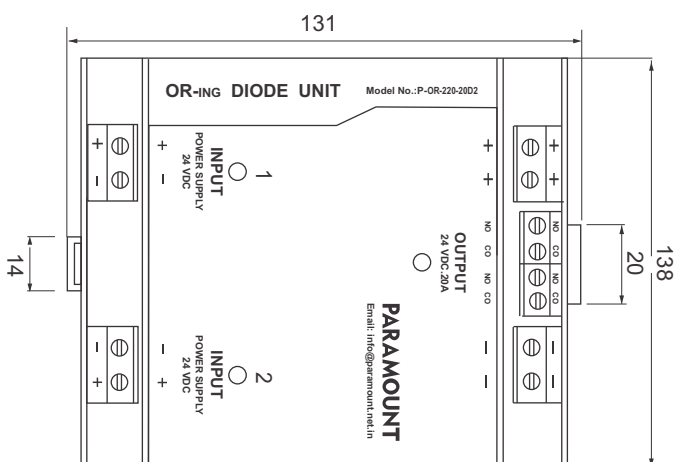
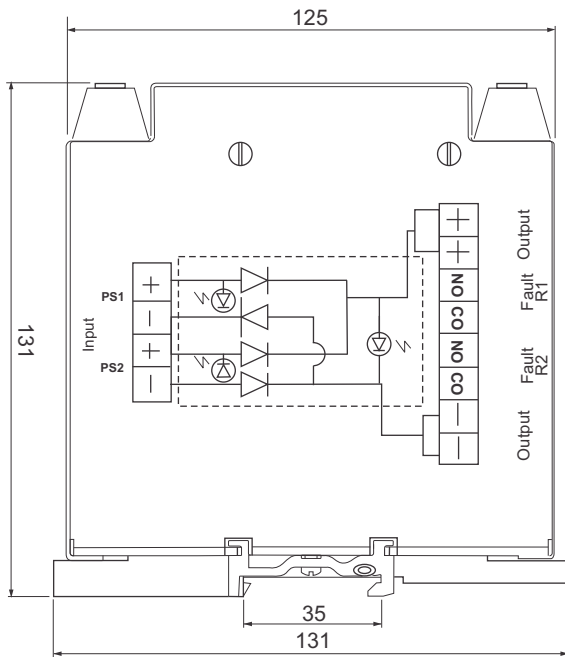
OR-ING DIODE UNIT

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

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** - 220VDC Supply -2no's (standard)
- Output current** -
- | Model No. | Current Rating | Voltage |
|----------------|----------------|---------|
| P-OR-220-20-D2 | 20 Amps | 220 VDC |
- Overload Drop** -10%max.
-2 Volts max DC at 20A
- Di-Electric strength** -2KV 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** -16mm solid
10mm stranded
AWG 6
- Dimension (LxBxH) in mm**- 131 x 138 x 131
- Mounting** - 35 mm DIN Rail
- Weight** -2.7 Kgs.

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

Approvals

PARAMOUNT

EXPECT MORE...

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