



OR-ING DIODE BLOCK DETACHABLE TYPE

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

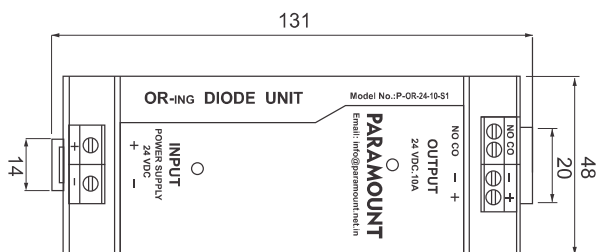
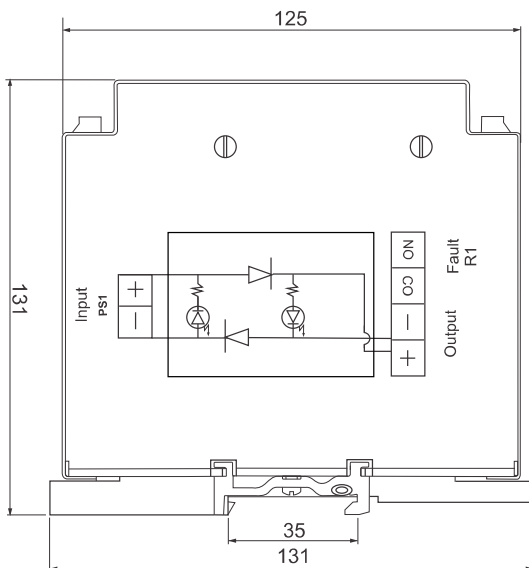
Model No.:P-OR-48-20-S1

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-OR-24-20-S1	20 Amps	24VDC
P-OR-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
incase 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