

DIN-PWR-RD

DIN Rail Redundancy Module



The DIN-PWR-RD redundancy module allows two power supplies to be connected to a Crestron® control system (such as the [DIN-AP4](#)) to achieve a redundant power system. Two power supplies are connected to the inputs of the DIN-PWR-RD. The DIN-PWR-RD output is connected to the control system. If one of the power supplies fails, the second power supply takes over to power the system to prevent downtime. Additionally, a galvanically separated relay contact, which can be connected to a digital input of the control system, will close for power supply failure reporting. Voltage indication and current consumption is indicated on the 2-line LCD display.

- [DIN rail mounting](#)
- [Full redundancy](#)
- [Contact closure failure reporting](#)

Specifications

Connection

Output + Relay	(1) 4-pin 5mm detachable terminal block
Input	(2) 4-pin 5mm detachable terminal blocks

Controls & Indicators

LCD Display	Voltage Indication on 2 inputs; Output power consumption
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Power Requirements

Power Usage	0.9W (@24DC)
Voltage Rating	24V
Pass Through Current Rating	5 Amp

Environmental

Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% RH (non-condensing)

Enclosure

Black powder coated, 1 mm ST37 Steel

Dimensions

Height	3.46 in. (88 mm)
Width	2.56 in. (65 mm)
Depth	2.19 in. (56 mm)

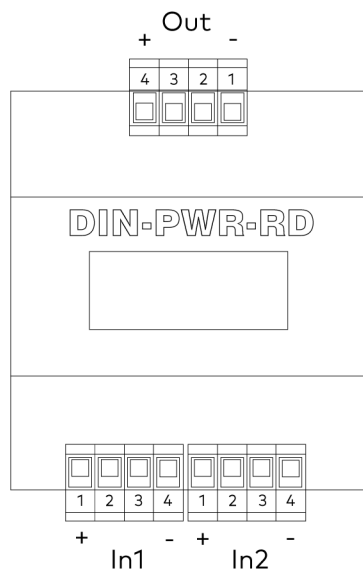
Compliance

CE

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Technical Drawing and Pinouts



The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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Specifications are subject to change without notice.

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Pin	Function
In1 1	+
In1 2	No function
In1 3	No function
In1 4	GND
In2 1	+
In2 2	No function
In2 3	No function
In2 4	GND
Out 1	GND
Out 2	Provide contact closure output for failure reporting
Out 3	
Out 4	+

Model

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Available Accessory

DIN-PWS60

DIN Rail 60 Watt Cresnet Power Supply

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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