

## REDUNDANT MODULE 20 A PIANO SERIES

PIRD20.241  
REDUNDANCY MODULE 12-24V 2x10A PIANO

- 39 mm wide
- Two diodes
- Screw terminals
- Cost effective solution



### PRODUCT DESCRIPTION

The PIRD20.241 is a redundancy module, which can be used to build 1+1 and N+1 redundant systems. It is equipped with two input channels, which can be connected to power supplies with up to 10A output current and one output, which can carry nominal currents up to 20A. The module is suitable for power supplies with constant current overload behavior as well as any kind of "hiccup" overload behavior. The PIRD20.241 is the perfect solution to use in a redundant system, if the power supply itself is equipped with a DC-OK signal. Another application for this redundancy module is to separate sensitive loads from non-sensitive loads. This avoids the distortion of the power quality for the sensitive loads which can cause controller failures.

## SPECIFICATIONS

Input voltage DC	12-28 V
Input voltage dc min	9 V DC
Input voltage dc max	35 V DC
Input current per channel max	10 A
Type Power Supply	Redundancy modules

Output voltage	24 V DC
Output Current	20 A
Output current max	26 A
Temperature Range Without Derating From	-40 °C
Temperature Range Without Derating To	55 °C

Width	39 mm
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<b>Height</b>	124 mm
<b>Depth</b>	124 mm
<b>Weight</b>	0.28 kg
<b>Series</b>	Piano
<b>Approvals</b>	ATEX, CE, CSA, IECEx, UL
<b>Material Protection</b>	ABS plastic
<b>IP Class</b>	IP20
<b>Voltage Drop Over The Semi-Conductor</b>	560 mV



