

## 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

Type Power Supply	Redundancy modules
Input voltage dc max	35 V DC
Input voltage DC	12-28 V
Input current per channel max	10 A
Input voltage dc min	9 V DC
Temperature Range Without Derating From	-40 °C
Output current max	26 A
Output voltage	24 V DC
Output Current	20 A
Temperature Range Without Derating To	55 °C
Weight	0,28 kg

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



