

PBDRP20 Series

20A REDUNDANT MODULE DIN RAIL MOUNTABLE

AC/DC DIN RAIL MOUNTABLE

FEATURES

- 20A Oring Diode Module
- Suitable for N+1 Operation
- 24V System Max 20A
- DC OK Relay Contacts
- Decoupling Diodes
- LED indicator for input Failure Alarm

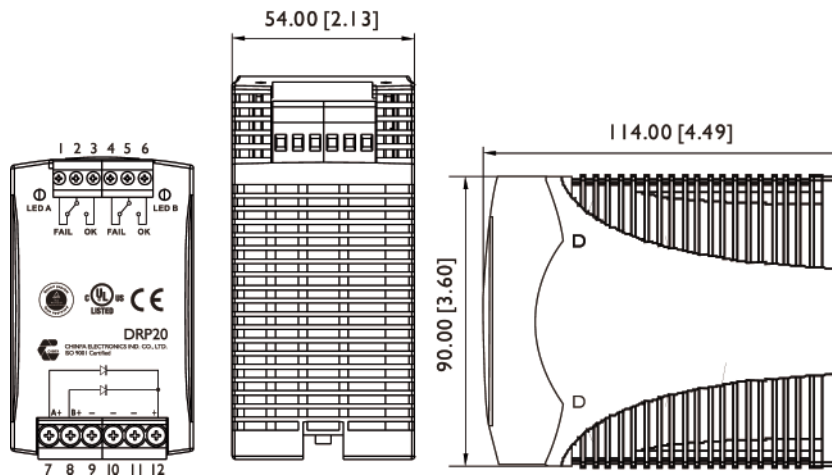


SPECIFICATIONS

INPUT	
Input voltage	24VDC (21-28v)
Number of inputs	2
Rated input current	10A per channel
Input current (MAX)	20A
OUTPUT	
Voltage drop	0.5V
Output current	20A
Output peak current	30A for 5 ms
Reverse voltage (max)	30V
DC ON indicator	Two LEDs indicating each input is ok Green LED
Relay contacts	30VDC 1A
Power Ok	Input > 20V (+5%) or <30V (+5%)
Power fail	Input <20V (+5%) or > 30V (+5%)
ENVIRONMENTAL	
Ambient temperature	-10 to + 71°C
Derating	From +61°C to 71°C, 2.5% per °C

Storage temperature	Non operational -20 to +85°C
Relative humidity	20 to 95%
Altitude during operation	IEC 60068-2-13 4850m
Dimensions	L90 x W54 x D114mm
Cooling	Free air convection
Pollution degree	2
Screw terminal type	90 x 54 x 114mm
Case material	Plastic
Weight	210g
STANDARDS	
UL / cUL	UL 508 Listed UL 60950-1 Recognised
TUV	EN 60950-1, CB scheme
CE	EN 6100-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6, EN 6100-4-8, EN 61204-3
EMI standards	EN 55022 Class B, EN 55024

MECHANICAL & PIN CONFIGURATION



TERMINALS

1	Fail)
2	COM A) Relay A
3	Ok)
4	Fail)
5	COM B) Relay B
6	Ok)
7	Input A+	
8	Input B+	
9-11	Common negative output	
12	Positive output	