

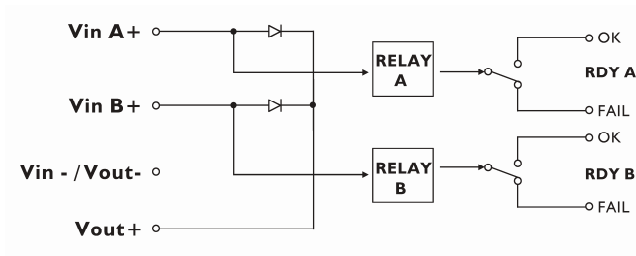
wipos R20



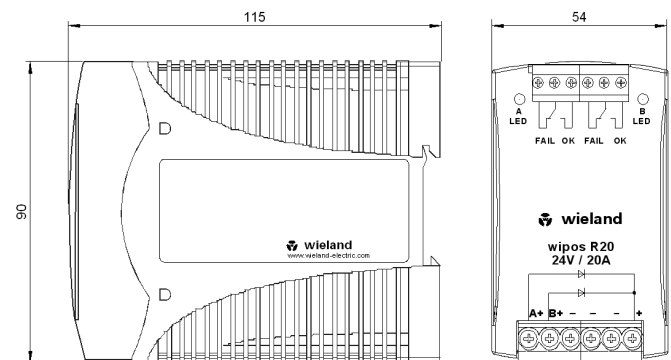
wipos R20

Redundancy module
24 V DC max. 20 A
81.000.6200.0

- Redundancy module for two inputs
- Inputs: 21 – 28 V DC
- Rated current 20 A
- Relay control output for every input
- Vertical mount



Block diagram



Dimensional diagram

Technical Data

wipos R20		Part number: 81.000.6200.0
Isolation voltage (input / output)		100 V DC
Isolation resistance (input / output)		100 MOhm
Operating ambient temperature	[T _U]	-25 °C ... +71 °C
Storage temperature	[T _U]	-25 °C ... +85 °C
Humidity in operation		20 - 95 % RH
Ventilation / Cooling		Free air convection
Mounting conditions (free space)		25 mm in all directions / up to 50 °C no horizontal space required
Pollution degree		2
Dimensions (W x H x D)		54 x 90 x 115 mm
Weight		approx. 210 g
Housing material		Plastic (Polycarbonate)
Rated input voltage	[U _{I,N}]	21 ... 28 V DC
Number of inputs		2
Rated input current per input	[I _{I,N}]	20 A max.
Output voltage drop		0.5 V (U _I -U _O)
Rated output current	[I _{O,N}]	20 A DC
Reverse voltage		30 V DC
Operating display		
Input A OK / Input B OK		20 V (+-5%) < U _I < 30 V (+-5%) (LED green)
Mounting on		DIN rail 35 mm (EN 60715)
Degree of protection		IP 20
MTBF (Bellcore issue 6 @ 40 °C, GB)		659,000 h



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Technical Data

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Connector cross section (min.)	solid	0.2 mm ²	(AWG26)
	stranded	0.2 mm ²	(AWG26)
Connector cross section (max.)	solid	2.5 mm ²	(AWG12)
	stranded	2.5 mm ²	(AWG12)
Strip length		8 mm	
Torque		0.6 Nm max.	
Approvals and standards			
UL / cULus		UL 508 Listed, UL60950-1 Recognized	
TÜV		EN60950-1	
CE		EN 55022 Class B, EN55024, EN61204-3, EN61000-4-2, -3, -4, -6, -8	
Terminal connections			
A+		Input A (positive input A)	
B+		Input B (positive input B)	
-		3 x negative terminal, for input A, Input B and output (internally connected)	
+		Output, positive terminal	
FAIL A / OK A		Relay output A (change-over contact)	
FAIL B / OK B		Relay output B (change-over contact)	