

REDUNDANCY MODULES

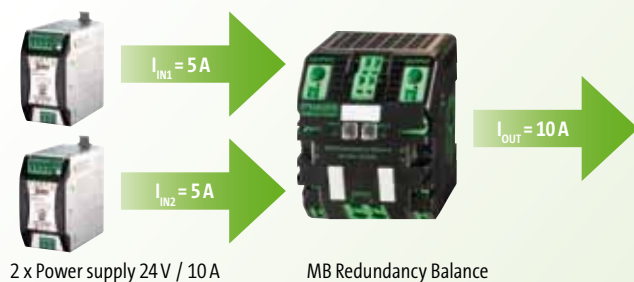


STOCK UP ON SAFETY!

Having the highest machine availability is an important subject. That's why power supply systems are often redundantly designed, with two power supply units. Murrelektronik's redundancy modules decouple two independent power supply units and generate redundant a 24 VDC control voltage.

MB Redundancy Balance ensures automatic 50:50 balancing of power between the two units. For example: if the required load current is 10 A, this cabinet component ensures that both units supply 5 A. If one of the two power supply units fails, the other can continue to work because it is decoupled. The only condition is that each unit is in the position to supply the nominal current of the load.

FOR EQUAL LOADS ON BOTH POWER SUPPLY UNITS



EASY TO CONNECT



With the integrated bridging system, MB Redundancy Balance can be directly combined with the electronic load circuit control module MICO, without requiring wiring work.

Ordering data	MB Diode	Art. No.	MB Redundancy Basic	Art. No.	MB Redundancy Balance	Art. No.
24 VDC		85396		85495		85496
Input						
Nominal voltage	24 V DC					
Voltage range	21...30 V DC		18...30 V DC			
Nominal current	2 x 20 A / 1x 40 A		2 x 20 A			
Total current	max. 40 A		max. 52 A			
Polarity (internal)	reverse polarity protection up to 60 VDC		reverse polarity protection up to 30 VDC			
Output						
Nominal output current	20 A (-25...+55 °C); 40 A (-25...+40 °C)		40 A (-25...+60 °C); 52 A (-25...+40 °C)			
Status indicator	1 LED per channel					
Alarm output (potential free)	input voltages		input voltages		input voltages/load distribution	
General data						
Mounting method	spring clamp terminal					
Standards	EN 61000-6-2, EN 61000-6-3					
Bridging	on both sides, with spring clamp terminals or bridge set					
Efficiency	> 97 %		> 99.5 %			
Mounting method	DIN-rail mounting TH 35 (EN 60715)					
Approvals	UL		UL, GL			