PM-0624-100-0 Redundancy Module

PM-0624-100-0

The PM-0624-100-0 redundancy module used with two BLOCK matched power supplies creates redundancy to help prevent costly downtime due to power supply failure. The PM-0624-100-0 decouples the outputs of the two connected power supplies so that in case of failure, one power supply cannot overload the other.

PM-0624-100-0 Redundancy Module

Part Number	Price	Drawing Link	Input Voltage Range	Max Power per Input	Output Voltage Range	Output Current Max.	Connection
PM-0624-100-0	$6a4o:	PDF	2 x 10-36 VDC	144W	10-36 VDC	10A	Push-in Terminals

PM-0624-100-0 General Specifications

Redundancy Module Input Specifications	
Rated Input Voltage	24 VDC
Input Voltage Range	10-36 VDC
Rated Input Current	10A
Redundancy Module Output Specifications	
Rated Output Voltage	24 VDC
Rated Output Current	10A
Output Voltage Range	10-36 VDC
Power Boost	120A, 25ms / 40A, 4s / 30A, 16s
Max. Voltage Drop Between Input and Output	750mV
Max. Power Loss	7.5 W
Max. Feedback Resistance	37VDC
Efficiency	96%
Parallel Connection Possible	Yes
Signaling	
Signal Output	Relay contact
Signal Display	2x Green LED
Environment	
Climate Class According to EN 60721	3K3
Ambient Temperature	-40 to 70°C [-40 to 158°F]
Storage Temperature	-40 to 85°C [-40 to 185°F]
Humidity	5 to 96%, non-condensing
Cooling Type	Natural air convection
Minimum Spacing	0mm side, 30mm above, 30mm below
Environment	For use in Pollution Degree 2 environment, no corrosive gases permitted
Protection Class According to EN 61140	III, without PE connection
Safety Extra Low Voltage (SELV/PELV)	EN 60950 (SELV), EN 60204 (PELV)
Housing Material	Plastic

PM-0624-100-0 Redundancy Module

Weight and Dimensions			
Width mm [inches]	***Height mm [inches]***	***Depth mm [inches]***	***Weight kg [lbs]***
22 [0.87]	90 [3.54]	94 [3.70]	0.12 [0.26]

Redundancy Module Function Diagram