

PRO RM
PRO RM 10

Weidmüller Interface GmbH & Co. KG
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www.weidmueller.com



Use our diode and redundancy modules to connect two power supplies and compensate for a device failing. In addition, our capacity module offers power reserves, guaranteeing purposeful and quick triggering of a circuit breaker, for example.

General ordering data

Type	PRO RM 10
Order No.	2486090000
Version	Redundancy module, 24 V DC
GTIN (EAN)	4050118496826
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	30 mm	Width (inches)	1.181 inch
Height	130 mm	Height (inches)	5.118 inch
Depth	125 mm	Depth (inches)	4.921 inch
Weight	497 g	Net weight	47 g

Temperatures

Humidity	5-95% relative humidity, T _u = 40°C, without condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...70 °C
Storage temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Connection system	PUSH IN	DC input voltage range	10 ... 32 V DC
Input current	2 × 12 A (-40 °C ~ +45 °C), 2 × 10 A (+45 °C ~ +60 °C), 2 × 7.5 A (+70 °C)	Rated input voltage	24 V DC

output

Connection system	PUSH IN	Continuous output current @ U _{Nominal}	1 × 24 A (-40 °C ~ +45 °C), 1 × 20 A (+45 °C ~ +60 °C), 1 × 15 A (+70 °C)
Rated output voltage	V _{INPUT-typ.} 0.13 V		

General data

Degree of efficiency	> 98%	Derating	> 60°C / 75% @ 70°C
Humidity	5-95% relative humidity, T _u = 40°C, without condensation	Mounting position, installation notice	Horizontal on TS35 mounting rail. 50 mm of clearance at top & bottom for air circ. Can mount side by side with no space in between.
Operating temperature	-40 °C...70 °C	Protection degree	IP20
Weight	497 g		

EMC / shock / vibration

Vibration resistance IEC 60068-2-6	2.3 g (on DIN rail)	Shock resistance IEC 60068-2-27	30 g in all directions
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Insulation coordination

Insulation voltage output / earth	0.5 kV	Insulation voltage output / earth	0.5 kV
Protection degree	III, with no ground connection, for SELV		

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Technical data**Connection data (input)**

Conductor cross-section, AWG/kcmil , max.	12	Conductor cross-section, AWG/kcmil , min.	26
Conductor cross-section, flexible , min.	0.2 mm ²	Conductor cross-section, rigid , max.	2.5 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Connection system	PUSH IN
Number of terminals	4 (+,+, -,-)	Screwdriver blade	0.6 x 3.5
Wire connection cross section, flexible (input), max.	2.5 mm ²		

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	8	Conductor cross-section, AWG/kcmil , min.	24
Conductor cross-section, flexible , max.	6 mm ²	Conductor cross-section, flexible , min.	0.2 mm ²
Conductor cross-section, rigid , max.	10 mm ²	Conductor cross-section, rigid , min.	0.2 mm ²
Connection system	PUSH IN	Number of terminals	2 (+ / -)
Screwdriver blade	0.6 x 3.5		

Connection data (signal)

Wire connection cross-section, flexible (signal), max.	1.5 mm ²	Wire connection cross-section, flexible (signal), min.	0.2 mm ²
Wire connection method	PUSH IN	Wire cross-section, AWG/kcmil , max.	16
Wire cross-section, AWG/kcmil , min.	24	Wire cross-section, solid , max.	1.5 mm ²
Wire cross-section, solid , min.	0.2 mm ²		

Classifications

ETIM 6.0	EC002540	eClass 6.2	27-04-90-04
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PA5200_170906_002
Engineering Data	STEP
User Documentation	Operating instructions