

PRO RM 20**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Redundancy module, 24 V DC
Order No.	2486 100000
Type	PRO RM 20
GTIN (EAN)	4050 118496833
Qty.	1 pc(s).

Creation date July 21, 2021 10:12:46 PM CEST

Catalogue status 16.07.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	125 mm	Depth (inches)	4.921 inch
Height	130 mm	Height (inches)	5.118 inch
Width	38 mm	Width (inches)	1.496 inch
Weight	558 g	Net weight	47 g

Temperatures

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

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 × 24 A (-40 °C ~ +45 °C), 2 × 20 A (+45 °C ~ +60 °C), 2 × 15 A (+70 °C)	Rated input voltage	24 V DC

Output

Connection system	PUSH IN	Rated output voltage	V _{INPUT} -typ. 0.2 V
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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	Weight

EMC / shock / vibration

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

Protection class	III, with no ground connection, for SELV
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Connection data (input)

Conductor cross-section, AWG/kcmil , max.	8	Conductor cross-section, AWG/kcmil , min.	24
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
Wire connection cross section, flexible (input), max.	6 mm ²		

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Technical data

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	4	Conductor cross-section, AWG/kcmil , min.	20
Conductor cross-section, flexible , max.	16 mm ²	Conductor cross-section, flexible , min.	0.75 mm ²
Conductor cross-section, rigid , max.	16 mm ²	Conductor cross-section, rigid , min.	0.75 mm ²
Connection system	PUSH IN	Number of terminals	2 (+ / -)

Connection data (signal)

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		

Approvals

Certificate no. (cULus)	E258476	Institute (cULus)	CULUS
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Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ECLASS 9.0	27-04-07-01
ECLASS 9.1	27-04-07-01	ECLASS 10.0	27-04-07-01
ECLASS 11.0	27-04-07-01		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E258476

Downloads

Approval/Certificate/Document of Conformity	DE_PA5200_170906_002
Engineering Data	STEP
User Documentation	Operating instructions
Catalogues	Catalogues in PDF-format

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Accessories

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/1 V0 GF SW	Version
Order No.	1478990000	W-Series, End bracket
GTIN (EAN)	4050118286892	
Qty.	50 pc(s).	
Type	WEW 35/2 V0 GF SW	Version
Order No.	1479000000	W-Series, End bracket
GTIN (EAN)	4050118286779	
Qty.	100 pc(s).	

Crosshead screwdriver, Pozidrive



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIK PZ2 SL	Version
Order No.	1274740000	Screwdriver, Mounting tool
GTIN (EAN)	4050118073218	
Qty.	1 pc(s).	

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Accessories

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SL 1.0X5.5X125	Version
Order No.	1274680000	Screwdriver, Mounting tool
GTIN (EAN)	4050118073263	
Qty.	1 pc(s).	
Type	SDIS SL 0.6X3.5X100	Version
Order No.	1274660000	Screwdriver, Mounting tool
GTIN (EAN)	4050118072631	
Qty.	1 pc(s).	