

MAS RPS**Weidmüller Interface GmbH & Co. KG**

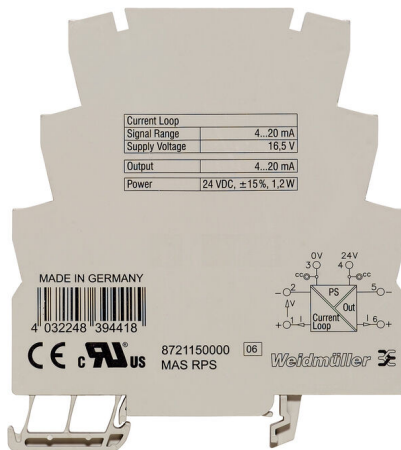
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Only remaining stock
available, Do not use prod-
uct for new developments

**General ordering data**

Version	MICROSERIES, Supply isolator
Order No.	8721150000
Type	MAS RPS
GTIN (EAN)	4032248394418
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2024-10-29T00:00:00+01:00
Alternative product	ACT20M-AI-AO-S

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E175400

Certificate no. (cULus) E337701

Dimensions and weights

Depth	88 mm	Depth (inches)	3.4646 inch
Height	97.8 mm	Height (inches)	3.8504 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Length	88 mm	Length (inches)	3.4646 inch
Net weight	48 g		

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...55 °C
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508	None	MTTF	450 a
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

Input

Sensor	2-wire	Number inputs	1
Type	Current input	Sensor supply	16.5 V / constant for 3 – 22 mA
Input signal	Current source	Input current	4...20 mA

Output

Number of outputs	1	Load impedance current	≤ 500 Ω
Offset current	<30 µA	Output current	4...20 mA
Output signal limit	22...25 mA		

General data

Standard	EN 50178	Accuracy	<0,1 %
Protection degree	IP20	Supply voltage	24 V DC ± 15 %
Step response time	≤ 2 ms	Mounting rail	TS 35
Power consumption	ca. 1 W	Temperature coefficient	≤ 50 ppm/K
Nominal power consumption	1.5 VA	Configuration	none

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Insulation coordination

Standard	EN 50178	EMC standards	DIN EN 61326 Class B
Surge voltage category	II	Pollution severity	2
Galvanic isolation	3-way isolator	Insulation voltage	1.5 kVeff
Rated voltage	300 V		

Connection data

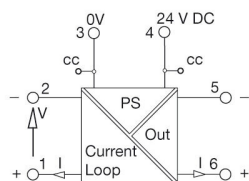
Type of connection	Screw connection	Stripping length, rated connection	5 mm
Clamping range, rated connection	2.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 24	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	2 mm ²	Wire cross-section, solid, min. (AWG)	AWG 26
Wire cross-section, solid, max. (AWG)	AWG 24	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	2 mm ²	Wire cross-section, finely stranded, min. (AWG)	AWG 26
Wire cross-section, finely stranded, max. (AWG)	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2 mm ²		

Classifications

ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Drawings

Electric symbol



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Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

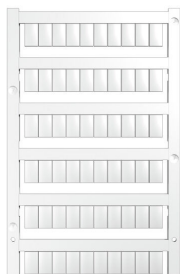
Type	ZQV 4N/4 RT	Version
Order No.	1794010000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233809	
Qty.	60 ST	
Type	ZQV 4N/3 RT	Version
Order No.	1793980000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233779	
Qty.	60 ST	
Type	ZQV 4N/10 BL	Version
Order No.	1794050000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234011	
Qty.	20 ST	
Type	ZQV 4N/2 RT	Version
Order No.	1793950000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233748	
Qty.	60 ST	
Type	ZQV 4N/41 RT	Version
Order No.	1794070000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234141	
Qty.	10 ST	
Type	ZQV 4N/41 BL	Version
Order No.	1794080000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234158	
Qty.	10 ST	
Type	ZQV 4N/10 RT	Version
Order No.	1794040000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234004	
Qty.	20 ST	
Type	ZQV 4N/4 BL	Version
Order No.	1794020000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233816	
Qty.	60 ST	
Type	ZQV 4N/2 BL	Version
Order No.	1793960000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233755	
Qty.	60 ST	
Type	ZQV 4N/3 BL	Version
Order No.	1793990000	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233786	
Qty.	60 ST	

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www.weidmueller.com**Accessories****Blank**

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.

WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/6 MC NE WS	Version
Order No.	1828450000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 ST	