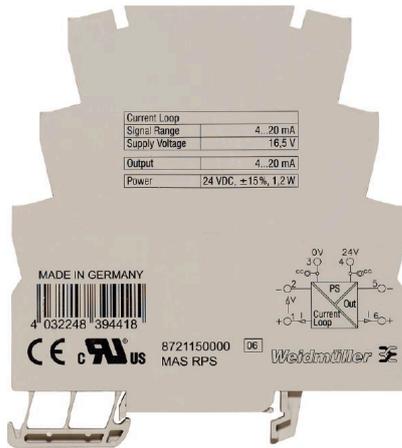


MAS RPS

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Only remaining stock available, Do not use product 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)	E345958

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
Sensor supply	16.5 V / constant for 3 – 22 mA	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

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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Technical data

Insulation coordination

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	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	EC002653
ETIM 10.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-20	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20
ECLASS 13.0	27-21-01-20	ECLASS 14.0	27-21-01-20
ECLASS 15.0	27-21-01-20		

Tender specification sheets

Long specification	Standard signal supply isolator 1-channel supply isolator in 6.1 mm width with external power supply and sensor supply, for transmitting and isolating analogue DC current signals from 4 to 20 mA Add-on housing for TS35 rail mounting Dimensions: L/W/H 88/6.1/ 97.8 mm Screw connection / Nominal cross-section 1.5 mm ² Protection degree: IP 20 Input 4...20 mA Output 4...20 mA 0...10 V 2-wire Sensor supply 16.5 V/const. at 3...22 mA Load resistance Current / voltage < 500 Ohm> 10 kOhm Transmission error < 0,1 % v. E. Step response time (10...90 %) < 2 ms Auxiliary power 24 VDC +/- 15 % Power loss approx. 1 W Ambient temperature range 0°C...+55 °C	Short specification	Standard signal supply isolator 1-channel supply isolator in 6.1 mm width with external power supply and sensor supply, for transmitting and isolating analogue DC current signals from 4 to 20 mA
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Technical data

Isolation
EN 50178, 3-way isolation
up to 2.5 kV AC/DC of all
circuits against each other
Test
voltage
1.5 kV input against
output against auxiliary
power
Rated
voltage
600 V AC/DC
at overvoltage category II
and pollution degree 2
Approvals cULus,
cULusEX, ATEX Zone2
Type
MAS RPS

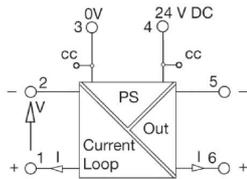
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Drawings

www.weidmueller.com

Electric symbol



Accessories

4 mm²


The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

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	

MAS RPS

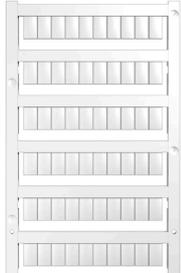
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Accessories

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	