

## 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.	<a href="#">8721150000</a>
Type	MAS RPS
GTIN (EAN)	4032248394418
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Height	97.8 mm	Height (inches)	3.85 inch
Width	6.1 mm	Width (inches)	0.24 inch
Length	88 mm	Length (inches)	3.465 inch
Net weight	48 g		

### Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...55 °C
Operating temperature, min.	0 °C	Operating temperature, max.	55 °C

### Probability of failure

MTTF	450 Years
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### Input

Input current	4...20 mA	Number of inputs	1
Sensor	2-wire	Sensor supply	16.5 V / constant for 3 – 22 mA

### Output

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

### General data

Accuracy	< 0,1 %	Configuration	none
Current-carrying capacity of cross-connect.	≤ 20 A	Galvanic isolation	3-way isolator
Input/Output	4...20 mA/ 4...20 mA	Power consumption	ca. 1 W
Rail	TS 35	Step response time	≤ 2 ms
Temperature coefficient	≤ 50 ppm/K	Voltage supply	24 V DC ± 15 %

### Insulation coordination

EMC standards	DIN EN 61326 Class B	Galvanic isolation	3-way isolator
Insulation voltage	1.5 kV <sub>eff</sub>	Pollution severity	2
Rated voltage	300 V	Surge voltage category	II

### Connection data

Type of connection	Screw connection	Clamping range, rated connection	2.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>

### Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-90	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20

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## Technische Daten

### Tender specification sheets

Long specification	<b>Type</b> <b>MAS RPS</b>	Short specification
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E175400
Certificate no. (cULus)	E345958

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
User Documentation	<a href="#">Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Zeichnungen**

**Electric symbol**

