

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

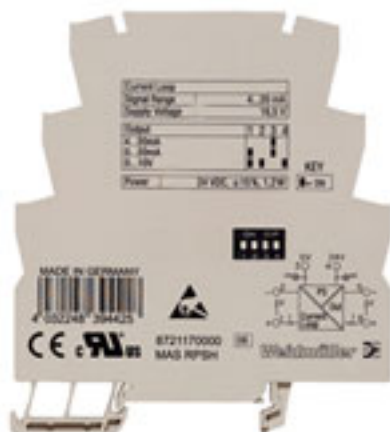
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Only remaining stock
available

**General ordering data**

Version	MICROSERIES, Supply isolator
Order No.	8721170000
Type	MAS RPSH
GTIN (EAN)	4032248394425
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...55 °C
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Probability of failure

MTTF	450 Years
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	Offset voltage	< 30 mV
Output current	0...20 mA, 4...20 mA	Output signal limit	22...25 mA or 11...12.5 V
Output voltage, note	0...10 V	load impedance voltage	≥ 10 kΩ

General data

Accuracy	$I_{OUT} < 0.1 \% / U_{OUT} < 0.2\%$	Configuration	DIP switch
Current-carrying capacity of cross-connect.	≤ 20 A	Galvanic isolation	3-way isolator
Input/Output	4...20 mA / 0(4)...20 mA, 0...10V	Power consumption	ca. 1 W
Rail	TS 35	Step response time	≤ 2 ms
Temperature coefficient	≤ 50 ppm/K	Type of connection	Screw connection
Voltage supply	24 V DC ± 15 %		

Insulation coordination

EMC standards	DIN EN 61326 Class B	Galvanic isolation	3-way isolator
Insulation voltage	2.5 kV _{eff}	Pollution severity	2
Rated voltage	600 V	Surge voltage category	II

Connection data

Type of connection	Screw connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

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Classifications

ETIM 6.0	EC002653	ETIM 7.0	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

Tender specification sheets

Long specification

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
V AC/DC at overvoltage
category II and
pollution degree 2
Approvals cULus,
cULusEX, ATEX Zone2

Short specification

600

Standard signal
supply isolator, HART
transparent
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
4/4 to 20 mA

Type
MAS RPSH

Approvals

Approvals



ROHS	Conform
UL File Number Search	E337701

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	Instruction sheet

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Drawings

Electric symbol

