

WAVESERIES
WAS5 VMR 1PH

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Monitoring components for analogue DC current and voltage signals with integrated limit value monitoring and external power supply.

Input and output parameters can be optionally configured. The limit-value monitoring components are mounted on the DIN rail and can be used in all types of applications in process and industrial automation industries.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2019-05-31
Type	WAS5 VMR 1PH
Order No.	8705640000
Version	WAVESERIES, Voltage monitoring, 1 x single-phase (L, N), Screw connection
GTIN (EAN)	4032248377084
Qty.	1 pc(s).
Alternative product	7760054164

Creation date May 1, 2020 6:39:28 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Length	96.5 mm	Length (inches)	3.799 inch
Width	17.5 mm	Width (inches)	0.689 inch
Depth	112.4 mm	Depth (inches)	4.425 inch
Net weight	132 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-10 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-20 °C
Operating temperature	-10 °C...55 °C	Storage temperature	-20 °C...70 °C

Probability of failure

MTTF	587 Jahre
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1 x single-phase (L, N)	Input voltage	24...70 / 70...140 / 140...210 / 210...260 V AC / DC, max. 260 V AC / DC
Input frequency	50...60Hz		

General data

Configuration	DIP switch and potentiometer, Alarm status reset via reset input or button	Galvanic isolation	3-way isolator
Rail	TS 35	Repeat accuracy	< 0.3 % of set range
Step response time	< 300 ms	Temperature coefficient	≤ 250 ppm/K of measuring range
Voltage supply	from the measuring circuit		

Insulation coordination

Clearance & creepage distances	≥ 3 mm	EMC standards	EN 61000-6-2, EN 61000-6-4
Galvanic isolation	3-way isolator	Impulse withstand voltage	Input/output, input/reset input, reset input/output: 4 kV
Insulation voltage	2 kV _{eff}	Pollution severity	2
Rated voltage	input/output, input/reset input, reset input/output: 300 V	Surge voltage category	III

Output (digital)

Alarm function	configurable, Surge voltage, Undervoltage, Hysteresis: 10 V	Type	Relay, 1 CO contact
Max. switching voltage, AC	250 V	Continuous current	3 A

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Data sheet

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Technical data

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
eClass 9.0	27-21-01-20	eClass 9.1	27-21-01-20
eClass 10.0	27-21-01-20	UNSPSC	30-21-18-01

Product information

Product information	This product will soon be replaced by a new product. Please do not use with new systems. Please contact our technical support.
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Approvals

Approvals



ROHS	Conform
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Downloads

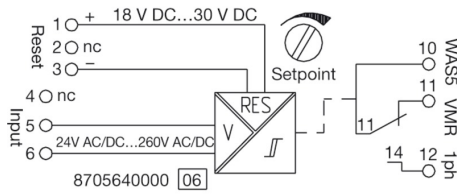
Approval/Certificate/Document of Conformity	Declaration of Conformity
Brochure/Catalogue	CAT 4.1 ELECTR 16/17 EN
User Documentation	Instruction sheet

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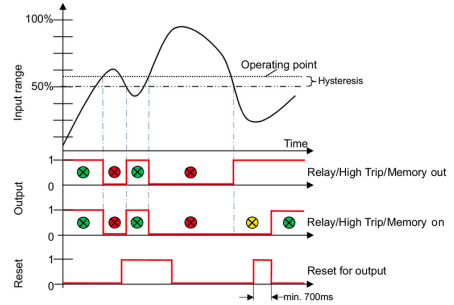
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Drawings

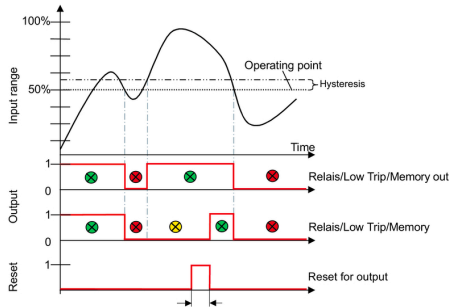
Connection diagram



Overvoltage monitoring
 Alarm set to "high trip"
 (Set permanently to closed-circuit principle.)



Undervoltage monitoring
 Alarm set to "low trip"
 (Set permanently to closed-circuit principle.)



Data sheet

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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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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 10/5 MC NE WS	Version
Order No.	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 pc(s).	