

WAVESERIES
WAS2 CMR 1/5/10A AC**Weidmüller Interface GmbH & Co. KG**

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The PLUGCONTROL PAS CMRs present a simple, cost-effective solution for monitoring DC currents up to 10 A.

The monitoring relay (REED contact) comes attached to a standard base so that it can be mounted on a TS35 DIN rail.

Current monitoring of valves, servo-controls and DC motors are typical applications for these modules.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2018-02-04
Type	WAS2 CMR 1/5/10A AC
Order No.	8516560000
Version	WAVESERIES, Current monitoring, 0...1 A AC/ 0...5 A AC/ 0...10 A AC, 1, 1, Screw connection
GTIN (EAN)	4032248153572
Qty.	1 pc(s).
Alternative product	2044850000

Creation date July 9, 2020 9:02:45 AM CEST

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Technical data
Dimensions and weights

Length	92.4 mm	Length (inches)	3.638 inch
Width	22.5 mm	Width (inches)	0.886 inch
Depth	112.4 mm	Depth (inches)	4.425 inch
Weight	150 g	Net weight	116.9 g

Temperatures

Operating temperature, max.	50 °C	Operating temperature, min.	0 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-20 °C
Operating temperature	0 °C...50 °C	Storage temperature	-20 °C...70 °C

Probability of failure

MTTF	787 Jahre
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1	Input current	0...1 A AC/ 0...5 A AC/ 0...10 A AC
Input frequency	50...60Hz		

Output

Number of outputs	1	Contact assembly	1 CO contact
Switching thresholds	Adjustable 10...100% with front potentiometer	Status indicator	Green LED

General data

Configuration	DIP switch, Potentiometer	Current consumption	8.3 mA (relay not triggered)/ 24 mA (relay triggered)
Current-carrying capacity of cross- connect.	≤ 2 A	Galvanic isolation	3-way isolator
Input/Output	1/ 5/ 10 A AC / relay	Power consumption	≤ 0.8 W
Rail	TS 35	Step response time	typ. 700 ms
Temperature coefficient	≤ 800 ppm/K	Voltage supply	24 V DC ± 10 %

Insulation coordination

Clearance & creepage distances	≥ 3 mm	EMC standards	EN 55011, EN 61000-6
Galvanic isolation	3-way isolator	Impulse withstand voltage	4 kV
Insulation voltage	4 kV _{eff} / 5 s	Pollution severity	2
Rated voltage	300 V	Surge voltage category	III

Output (digital)

Hysteresis	5 % or 10 % of threshold value	Max. switching voltage, DC	60 V
Max. switching voltage, AC	250 V	Continuous current	3 A

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Technical data

Connection data

Wire connection method	Screw connection	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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Drawings

Connection diagram

