

PAS CMR 0,5...2,5 A DC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

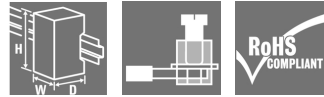
Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Product image, Similar to illustration



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

Type	PAS CMR 0,5...2,5 A DC
Order No.	8742610000
Version	Current monitoring, 0.5...2.5 A DC, Screw connection
GTIN (EAN)	4032248413928
Qty.	10 pc(s).

PAS CMR 0,5...2,5 A DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data**Dimensions and weights**

Length	92 mm	Length (inches)	3.622 inch
Width	15.3 mm	Width (inches)	0.602 inch
Depth	95 mm	Depth (inches)	3.74 inch
Weight	70 g	Net weight	69.6 g

Temperatures

Humidity	5-95% relative humidity, T _u = 40°C, without condensation	Operating temperature, max.	55 °C
Operating temperature, min.	0 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	0 °C...55 °C
Storage temperature	-40 °C...85 °C		

Input

Input current	0.5...2.5 A DC	Input resistance, current	< 50 mΩ
Pulse duration	min. 1 ms		

General data

Configuration	none	Galvanic isolation	Without isolation
Rail	TS 35		

Insulation coordination

Clearance & creepage distances	≥ 5 mm (grout encapsulated)	EMC standards	EN 55011, EN 61000-6-1, 2, 3, 4
Galvanic isolation	Without isolation	Impulse withstand voltage	6 kV
Insulation voltage	4 kV _{eff} / 1 min.	Pollution severity	2
Rated voltage	300 V	Surge voltage category	III

Output (digital)

Max. switching voltage, DC	100 V	Max. switching voltage, AC	100 V
Continuous current	100 mA	Contact material	RH/Rd (Reed contact)*

Connection data

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

Classifications

ETIM 3.0	EC001080	ETIM 4.0	EC001080
ETIM 5.0	EC001080	ETIM 6.0	EC002654
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-21-01-22
eClass 9.1	27-21-01-22		

Data sheet**PAS CMR 0,5...2,5 A DC**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Declaration of Conformity](#)

Brochure/Catalogue

[CAT 4.1 ELECTR 16/17 EN](#)

User Documentation

[Instruction sheet](#)

PAS CMR 0,5...2,5 A DC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

Electric symbol

