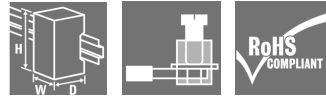


PAS CMR 0,5...2,5 A DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	0 °C...55 °C
Humidity	5-95% relative humidity, $T_u = 40^\circ\text{C}$, without condensation		

General data

Configuration	none	Galvanic isolation	2-way isolator
Rail	TS 35	Type of connection	Screw connection

Insulation coordination

Clearance & creepage distances	≥ 5 mm (grout encapsulated)	EMC standards	EN 55011, EN 61000-6-1, 2, 3, 4
Galvanic isolation	2-way isolator	Impulse withstand voltage	6 kV
Insulation voltage	4 kV _{eff} / 1 min.	Pollution severity	2
Rated voltage	300 V	Surge voltage category	III

Input

Input current	0.5...2.5 A DC	Input resistance, current	< 50 m Ω
Making current threshold	≤ 500 mA	Max. current	7.5 A for 10 s
Pulse duration	min. 1 ms	Secure off	≤ 50 mA

Output

Contact assembly	1 NO contact	Contact material	RH/Rd (Reed contact)*
Continuous current	100 mA	Max. switching frequency	15 Hz
Max. switching voltage, AC	100 V	Max. switching voltage, DC	100 V
Switching current	100 mA	Switching voltage AC, min.	1 V
Switching voltage DC, min.	1 V		

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 6.0	EC002654	ETIM 7.0	EC002654
ETIM 8.0	EC002654	ECLASS 9.0	27-21-01-22
ECLASS 9.1	27-21-01-22	ECLASS 10.0	27-21-01-22
ECLASS 11.0	27-21-01-22	ECLASS 12.0	27-21-01-22

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Tender specification sheets

Long specification

**Limit-value monitoring
of DC currents up to
2.5 A with switching
output**

limit-value monitoring
component for measuring
DC currents 0.5... 2.5 A
with
switching output. The
monitoring unit is
designed so that it can
be plugged onto the
mounting base.

**Pluggable unit on base,
for mounting on TS35
DIN rail**

**Dimensions: L/W/H 92/
15.3/ 95 mm**

**Screw connection /
Nominal cross-section
2.5 mm²**

**Protection degree: IP
20**

Input
**0.5...2.5 A DC / Reed
relay coil**
**Switch-on threshold <
500 mA**
**Switch-off threshold
< 50 mA**
Output

1 NO / Reed contact
**Switching current max
100 mA AC/DC**
**Switching voltage 100
V AC / 50 V DC**
**Ambient
temperature range 0
°C...+55 °C**

**Secure
isolation EN
50178, 2-way isolation
up to 6 kV**

**Test
voltage 4**
**kVeff / 1 min. input
against output**
**Rated
voltage**
**300 V AC/DC at
overvoltage category III
and pollution degree 2**
Approvals cULus

**Type
PAS CMR 0.5...2.5 A
DC**

Short specification

**Limit-value monitoring
of DC currents up to
2.5 A with switching
output**

limit-value monitoring
component for measuring
DC currents 0.5... 2.5 A
with
switching output. The
monitoring unit is
designed so that it can
be plugged onto the
mounting base.

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	

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

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Electric symbol

