

CMA-RCM-DACT-20**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration****Difference current transformer** (Residual current monitoring, RCM)

This type is specialised in the detection of residual currents in 3 / 4-wire AC networks.

Its special features are:

Highly sensitive current sensor for the detection of even the smallest residual currents, fixed switching hysteresis of 5%, high safety thanks to integrated overvoltage protection and coverage of a wide frequency range.

General ordering data

Version	Residual current transformer, Primary current: 25 A, Round conductor: 20.00 mm, closed current transformer
Order No.	2603420000
Type	CMA-RCM-DACT-20
GTIN (EAN)	4050118665420
Qty.	1 pc(s).
Manufacturer	MBS AG

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Technical data

Dimensions and weights

Depth	30 mm	Depth (inches)	1.181 inch
Height	63 mm	Height (inches)	2.48 inch
Width	82 mm	Width (inches)	3.228 inch
Net weight	240 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-10 °C...70 °C
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Measuring current input

Residual current measuring	Yes
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Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	20 mm
Installation location	Indoor use		

Electrical attributes

Frequency band	30 Hz...3 kHz	Load	0 VA
Primary current	25 A	Secondary current	0...0.04 A
Tolerance class	1	Transmission ratio	1:600

Technical properties

Coil resistance	8 Ω	Measurement accuracy	Class 1 (IEC 6206-21)
Protection degree	IP40		

Input

Input measurement range	0.02...2 A / 0.25...25 A depending on terminal as- signment
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Insulation coordination

Galvanic isolation	yes	Impulse withstand voltage	8 kV
Pollution severity	3	Rated voltage	800 V
Standard	EN 60044/1	Tolerance class	1

Classifications

ETIM 6.0	EC002048	ETIM 7.0	EC002048
ETIM 8.0	EC002048	ETIM 9.0	EC002048
ECLASS 9.0	27-21-09-02	ECLASS 9.1	27-21-09-02
ECLASS 10.0	27-21-09-02	ECLASS 11.0	27-21-09-02
ECLASS 12.0	27-21-09-02	ECLASS 13.0	27-21-09-02
ECLASS 14.0	27-21-09-02		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

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Technical data

Approvals

ROHS	Conform
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Downloads

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

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Drawings

Dimensional drawing

