

CMA-RCM-DACT-35

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: 35.00 mm, closed current transformer
Order No.	2603430000
Type	CMA-RCM-DACT-35
GTIN (EAN)	4050118665413
Qty.	1 items
Manufacturer	MBS AG

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Height	86.5 mm	Height (inches)	3.4055 inch
Width	104 mm	Width (inches)	4.0945 inch
Net weight	240 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-10 °C...70 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Measuring current input

Residual current measuring	Yes
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Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	35.00 mm
Installation location	Indoor use		

Electrical attributes

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

Technical properties

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

Input

Input measurement range	0.02...2 A / 0.25...25 A depending on terminal assignment
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Insulation coordination

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

Classifications

ETIM 8.0	EC002048	ETIM 9.0	EC002048
ETIM 10.0	EC002048	ECLASS 14.0	27-21-09-02
ECLASS 15.0	27-21-09-02		

Dimensional drawing

