

**CMA-RCM-DACT-20**

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

www.weidmueller.com

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**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.	<a href="#">2603420000</a>
Type	CMA-RCM-DACT-20
GTIN (EAN)	4050118665420
Qty.	1 Stück

Erstellungs-Datum June 2, 2023 12:17:38 PM CEST

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## Technische Daten

### 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
Operating temperature, min.	-10 °C	Operating temperature, max.	70 °C

### 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...41.7 mA
Secondary current max.	0.04 A	Secondary current, min.	0.042 A
Tolerance class	1	Transmission ratio	1:600

### Input

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

### Approvals

ROHS	Conform
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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
User Documentation	<a href="#">Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Zeichnungen**

**Dimensional drawing**

