

**KCMA-RCM-23D****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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 (RCM), Primary current: 18 A, Round conductor: 20.00 mm, Split-core current transformer
Order No.	<a href="#">2656270000</a>
Type	KCMA-RCM-23D
GTIN (EAN)	4050118666366
Qty.	1 pc(s).
Manufacturer	MBS AG

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**Technical data****Dimensions and weights**

Depth	106 mm	Depth (inches)	4.173 inch
Width	58 mm	Width (inches)	2.283 inch
Length	93 mm	Length (inches)	3.661 inch
Net weight	240 g		

**Temperatures**

Operating temperature	-5 °C...45 °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
Rail	20 x 30 mm	Installation location	Indoor use

**Electrical attributes**

Frequency band	30...1000 Hz	Primary conductor temperature	70 °C
Primary current	18 A	Secondary current	0...0.04 A
Tolerance class	1	Transmission ratio	1:600

**Technical properties**

Insulation class	E	Nominal frequency	50 Hz
Protection degree	IP20	Thermal rated continuous current $I_{\text{thermal}}$	$60 \times I_{\text{rated}}$ for 1 second

**Insulation coordination**

Standard	EN 60044/1	Tolerance class	1
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**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**

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

**Approvals**

ROHS	Conform
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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[EU Declaration of Conformity](#)

User Documentation

[Device description – Instruction sheet english](#)

Catalogues

[Catalogues in PDF-format](#)

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## Drawings

