

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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).

Creation date September 18, 2022 1:14:04 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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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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### 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...30 mA
Secondary current, min.	0.03 A	Tolerance class	1
Transmission ratio	1:600		

### Technical data

Protection degree	IP20	Version	Split-core current transformer
Standards	IEC 61869-2: 2012		

### 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	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="#">KBR-KBU-Konformitätserklärung</a>
User Documentation	<a href="#">Instruction sheet english</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>