

KCMA-RCM-812D**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: 80.00 mm, Split-core current transformer
Order No.	2656290000
Type	KCMA-RCM-812D
GTIN (EAN)	4050118666342
Qty.	1 items
Manufacturer	MBS AG

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Depth	198 mm	Depth (inches)	7.7953 inch
Width	58 mm	Width (inches)	2.2835 inch
Length	155 mm	Length (inches)	6.1024 inch
Net weight	240 g		

Temperatures

Storage temperature Operating temperature -5 °C...45 °C

Environmental Product Compliance

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

Measuring current input

Residual current measuring Yes

Dimensions of live conductors

Type of conductor	Insulated conductor only	Round conductor	80.00 mm
Rail	80 x 120 mm	Installation location	Indoor use

Electrical attributes

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

Technical properties

Protection degree	IP20	Insulation class	E
Thermal rated continuous current I _{thermal}	60 x Irated for 1 second	Nominal frequency	50 Hz

Insulation coordination

Standard EN 60044/1 Tolerance class 1

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		

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Drawings

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Dimensional drawing

