

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.	2656270000
Type	KCMA-RCM-23D
GTIN (EAN)	4050118666366
Qty.	1 items
Manufacturer	MBS AG

KCMA-RCM-23D

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

ROHS	Conform
------	---------

Dimensions and weights

Depth	106 mm	Depth (inches)	4.1732 inch
Width	58 mm	Width (inches)	2.2835 inch
Length	93 mm	Length (inches)	3.6614 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	20.00 mm
Rail	20 x 30 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 I _{rated} 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		

Drawings

