











## Environment/EMC

EMC	IEC 61851-1, IEC 61851-22
Operating temperature	-30...+75 °C

## Classification of climatic conditions acc. to IEC 60721

Stationary use (IEC 60721-3-3)	3K22 (except condensation and formation of ice)
Transport (IEC 60721-3-2)	2K11
Long-term storage (IEC 60721-3-1)	1K21

## Classification of mechanical conditions acc. to IEC 60721

Stationary use (IEC 60721-3-3)	3M11
Transport (IEC 60721-3-2)	2M4
Long-term storage (IEC 60721-3-1)	1M12

## Connection

Connection type	push-wire terminals
Connection properties	
Rigid	0.2...2.5 mm <sup>2</sup> (AWG 24...14)
Flexible without ferrules	0.75...2.5 mm <sup>2</sup> (AWG 19...14)
Flexible with ferrules	0.2...1.5 mm <sup>2</sup> (AWG 24...16)
Stripping length	10 mm
Opening force	50 N
Test opening, diameter	2.1 mm

## Other

Operating mode	continuous operation
Degree of protection, internal components	IP 30
Degree of protection, terminals	IP 20
Area of application	≤ 2000 m AMSL
Quick DIN rail mounting acc. to	IEC 60715
Screw mounting	2 x M4 with mounting clip
Documentation number	D00167

## Measuring current transformer

Diameter cable gland measuring current transformer	15 mm
Cable length	1.5 m
Max. cable cross section	4 x 6 mm <sup>2</sup>
Mounting	with cable ties
Connection to RCMB42...	plug-in connector with 6 poles
Rated voltage $U_n$	3/(N) AC 400/230 V
Rated current $I_n$	3x32 A
Rated impulse withstand voltage $U_{imp}$	4 kV

## Ordering details

Measuring range		Frequency range	Number of measuring current transformers (Ø 15 mm, 1.5 m cable)	Channels	Supply voltage $U_s$		Type	Art. No.
DC	r.m.s.				AC	DC		
0...6 mA	0...30 mA	0...2000 Hz	2	2 x residual current	110...240 V, 50/60 Hz	150...220 V	RCMB420-2	B74042500
			1	1 x residual current	–	18...36 V	RCMB420-25	B74042503
0...6 mA	0...30 mA	0...2000 Hz	1	1 x residual current	110...240 V, 50/60 Hz	150...220 V	RCMB422-2	B74042502
			–	–	–	18...36 V	RCMB422-25	B74042504

Delivery incl. measuring current transformers.

Measuring current transformers available with shorter cable on request (minimum order quantity 250 pcs.)

## Accessories

Description	Art. No.
Mounting clip for screw mounting (1 piece per device)	B98060008



## Bender GmbH & Co. KG

Londorfer Straße 65 • 35305 Grünberg • Germany  
Tel.: +49 6401 807-0 • info@bender.de • www.bender.de



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