

SG08210



Description

- High-quality residual current device / miniature circuit breaker combination, line voltage-independent
- Version -PT specific for applications in the BS-distribution systems, permanently connected neutral conductors
- Contact position indicator red - green
- Fault current tripping indicator white - blue
- Guide for secure terminal connection
- 3-position DIN rail clip, permits removal from existing busbar system
- Comprehensive range of accessories can be mounted subsequently
- Wide variety of rated tripping currents
- Rated currents up to 32 A
- Tripping characteristics B, C, D
- Rated breaking capacity 10 kA

$I_n/I_{\Delta n}$ (A)	Type Designation	Article No.	Units per package
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Type A

10 kA, 3+N-pole
Conditionally surge current-proof 250 A, sensitive to residual pulsating DC, type A

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Characteristic B

10/0.03	mRBM4-10/3/B/003-A-UK-PT	169636	1/24
13/0.03	mRBM4-13/3/B/003-A-UK-PT	169637	1/24
16/0.03	mRBM4-16/3/B/003-A-UK-PT	169638	1/24
20/0.03	mRBM4-20/3/B/003-A-UK-PT	169639	1/24
10/0.1	mRBM4-10/3/B/01-A-UK-PT	169670	1/24
13/0.1	mRBM4-13/3/B/01-A-UK-PT	169671	1/24
16/0.1	mRBM4-16/3/B/01-A-UK-PT	169584	1/24
20/0.1	mRBM4-20/3/B/01-A-UK-PT	169585	1/24
10/0.3	mRBM4-10/3/B/03-A-UK-PT	169598	1/24
13/0.3	mRBM4-13/3/B/03-A-UK-PT	169599	1/24
16/0.3	mRBM4-16/3/B/03-A-UK-PT	169600	1/24
20/0.3	mRBM4-20/3/B/03-A-UK-PT	169601	1/24

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Characteristic C

6/0.03	mRBM4-6/3/C/003-A-UK-PT	169640	1/24
10/0.03	mRBM4-10/3/C/003-A-UK-PT	169641	1/24
13/0.03	mRBM4-13/3/C/003-A-UK-PT	169642	1/24
16/0.03	mRBM4-16/3/C/003-A-UK-PT	169643	1/24
20/0.03	mRBM4-20/3/C/003-A-UK-PT	169644	1/24
25/0.03	mRBM4-25/3/C/003-A-UK-PT	169645	1/24
32/0.03	mRBM4-32/3/C/003-A-UK-PT	169646	1/24
6/0.1	mRBM4-6/3/C/01-A-UK-PT	169586	1/24
10/0.1	mRBM4-10/3/C/01-A-UK-PT	169587	1/24
13/0.1	mRBM4-13/3/C/01-A-UK-PT	169588	1/24
16/0.1	mRBM4-16/3/C/01-A-UK-PT	169589	1/24
20/0.1	mRBM4-20/3/C/01-A-UK-PT	169590	1/24
25/0.1	mRBM4-25/3/C/01-A-UK-PT	169591	1/24
32/0.1	mRBM4-32/3/C/01-A-UK-PT	169592	1/24
6/0.3	mRBM4-6/3/C/03-A-UK-PT	169602	1/24
10/0.3	mRBM4-10/3/C/03-A-UK-PT	169603	1/24
13/0.3	mRBM4-13/3/C/03-A-UK-PT	169604	1/24
16/0.3	mRBM4-16/3/C/03-A-UK-PT	169605	1/24
20/0.3	mRBM4-20/3/C/03-A-UK-PT	169606	1/24
25/0.3	mRBM4-25/3/C/03-A-UK-PT	169607	1/24
32/0.3	mRBM4-32/3/C/03-A-UK-PT	169608	1/24

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Characteristic D

6/0.03	mRBM4-6/3/D/003-A-UK-PT	169647	1/24
10/0.03	mRBM4-10/3/D/003-A-UK-PT	169648	1/24
13/0.03	mRBM4-13/3/D/003-A-UK-PT	169649	1/24
16/0.03	mRBM4-16/3/D/003-A-UK-PT	169650	1/24
20/0.03	mRBM4-20/3/D/003-A-UK-PT	169651	1/24
25/0.03	mRBM4-25/3/D/003-A-UK-PT	169652	1/24
6/0.1	mRBM4-6/3/D/01-A-UK-PT	169593	1/24
10/0.1	mRBM4-10/3/D/01-A-UK-PT	169594	1/24
13/0.1	mRBM4-13/3/D/01-A-UK-PT	169618	1/24
16/0.1	mRBM4-16/3/D/01-A-UK-PT	169619	1/24
20/0.1	mRBM4-20/3/D/01-A-UK-PT	169620	1/24
25/0.1	mRBM4-25/3/D/01-A-UK-PT	169621	1/24
6/0.3	mRBM4-6/3/D/03-A-UK-PT	169609	1/24
10/0.3	mRBM4-10/3/D/03-A-UK-PT	169610	1/24
13/0.3	mRBM4-13/3/D/03-A-UK-PT	169611	1/24
16/0.3	mRBM4-16/3/D/03-A-UK-PT	169612	1/24
20/0.3	mRBM4-20/3/D/03-A-UK-PT	169613	1/24
25/0.3	mRBM4-25/3/D/03-A-UK-PT	169614	1/24

$I_n/I_{\Delta n}$
(A)

Type
Designation

Article No.

Units per
package

Type AC

**10 kA, 3+N-pole
Conditionally surge current-proof 250 A, type AC**

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Characteristic B

10/0.03	mRBM4-10/3/B/003-UK-PT	169653	1/24
13/0.03	mRBM4-13/3/B/003-UK-PT	169654	1/24
16/0.03	mRBM4-16/3/B/003-UK-PT	169655	1/24
20/0.03	mRBM4-20/3/B/003-UK-PT	169656	1/24
10/0.1	mRBM4-10/3/B/01-UK-PT	169622	1/24
13/0.1	mRBM4-13/3/B/01-UK-PT	169623	1/24
16/0.1	mRBM4-16/3/B/01-UK-PT	169624	1/24
20/0.1	mRBM4-20/3/B/01-UK-PT	169625	1/24
10/0.3	mRBM4-10/3/B/03-UK-PT	169615	1/24
13/0.3	mRBM4-13/3/B/03-UK-PT	169616	1/24
16/0.3	mRBM4-16/3/B/03-UK-PT	169617	1/24
20/0.3	mRBM4-20/3/B/03-UK-PT	169672	1/24

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Characteristic C

6/0.03	mRBM4-6/3/C/003-UK-PT	169657	1/24
10/0.03	mRBM4-10/3/C/003-UK-PT	169658	1/24
13/0.03	mRBM4-13/3/C/003-UK-PT	169659	1/24
16/0.03	mRBM4-16/3/C/003-UK-PT	169660	1/24
20/0.03	mRBM4-20/3/C/003-UK-PT	169661	1/24
25/0.03	mRBM4-25/3/C/003-UK-PT	169662	1/24
32/0.03	mRBM4-32/3/C/003-UK-PT	169663	1/24
6/0.1	mRBM4-6/3/C/01-UK-PT	169626	1/24
10/0.1	mRBM4-10/3/C/01-UK-PT	169627	1/24
13/0.1	mRBM4-13/3/C/01-UK-PT	169628	1/24
16/0.1	mRBM4-16/3/C/01-UK-PT	169629	1/24
20/0.1	mRBM4-20/3/C/01-UK-PT	169630	1/24
25/0.1	mRBM4-25/3/C/01-UK-PT	169631	1/24
32/0.1	mRBM4-32/3/C/01-UK-PT	169632	1/24
6/0.3	mRBM4-6/3/C/03-UK-PT	169673	1/24
10/0.3	mRBM4-10/3/C/03-UK-PT	169674	1/24
13/0.3	mRBM4-13/3/C/03-UK-PT	169675	1/24
16/0.3	mRBM4-16/3/C/03-UK-PT	169676	1/24
20/0.3	mRBM4-20/3/C/03-UK-PT	169677	1/24
25/0.3	mRBM4-25/3/C/03-UK-PT	169678	1/24
32/0.3	mRBM4-32/3/C/03-UK-PT	169679	1/24

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Characteristic D

6/0.03	mRBM4-6/3/D/003-UK-PT	169664	1/24
10/0.03	mRBM4-10/3/D/003-UK-PT	169665	1/24
13/0.03	mRBM4-13/3/D/003-UK-PT	169666	1/24
16/0.03	mRBM4-16/3/D/003-UK-PT	169667	1/24
20/0.03	mRBM4-20/3/D/003-UK-PT	169668	1/24
25/0.03	mRBM4-25/3/D/003-UK-PT	169669	1/24
6/0.1	mRBM4-6/3/D/01-UK-PT	169633	1/24
10/0.1	mRBM4-10/3/D/01-UK-PT	169634	1/24
13/0.1	mRBM4-13/3/D/01-UK-PT	169635	1/24
16/0.1	mRBM4-16/3/D/01-UK-PT	169595	1/24
20/0.1	mRBM4-20/3/D/01-UK-PT	169596	1/24
25/0.1	mRBM4-25/3/D/01-UK-PT	169597	1/24
6/0.3	mRBM4-6/3/D/03-UK-PT	169680	1/24
10/0.3	mRBM4-10/3/D/03-UK-PT	169681	1/24
13/0.3	mRBM4-13/3/D/03-UK-PT	169682	1/24
16/0.3	mRBM4-16/3/D/03-UK-PT	169683	1/24
20/0.3	mRBM4-20/3/D/03-UK-PT	169684	1/24
25/0.3	mRBM4-25/3/D/03-UK-PT	169685	1/24

Specifications | Combined RCD/MCB Devices mRBM4-PT, mRBM4-UK-PT, mRB64-PT, 3+N-pole

Description

- Combined RCD/MCB Devices
- Line voltage-independent tripping
- Compatible with standard busbar
- Twin-purpose terminal (lift/open-mouthed) above and below
- Busbar positioning optionally above or below
- Free terminal space despite installed busbar
- Guide for secure terminal connection
- Switching toggle (MCB component) in colour designating the rated current
- Contact position indicator red - green
- Fault current tripping indicator white - blue
- Comprehensive range of accessories can be mounted subsequently
- This compact protective device is specific for applications in the BS-distribution produced. Permanently connected neutral conductors (I = 950 mm, Ø = 6 mm²)
- The test key "T" must be pressed every 6 month. The system operator must be informed of this obligation and his responsibility in a way that can be proven (self-adhesive RCD-label enclosed). The test intervall of 6 month is valid for residential and similar applications. Under all other conditions (e.g. damply or dusty environments), it's recommended to test in shorter intervalls (e.g. monthly).
- Pressing the test key "T" serves the only purpose of function testing the residual current device (RCD). This test does not make earthing resistance measurement (R_E), or proper checking of the earth conductor condition redundant, which must be performed separately.

Accessories:

Tripping signal switch for subsequent installation	ZP-IHK	286052
	ZP-NHK	248437
	ZP-WHK	286053
Shunt trip release	ZP-ASA/..	248438, 248439