

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

Type A

10 kA, 3+N-pole

Conditionally surge current-proof 250 A, sensitive to residual pulsating DC, type A

SG08210



Characteristic B

10/0.03	mRBM4-10/3/B/003-A-PT	149465	1/24
13/0.03	mRBM4-13/3/B/003-A-PT	149466	1/24
16/0.03	mRBM4-16/3/B/003-A-PT	149467	1/24
20/0.03	mRBM4-20/3/B/003-A-PT	149468	1/24
10/0.1	mRBM4-10/3/B/01-A-PT	149499	1/24
13/0.1	mRBM4-13/3/B/01-A-PT	149500	1/24
16/0.1	mRBM4-16/3/B/01-A-PT	149501	1/24
20/0.1	mRBM4-20/3/B/01-A-PT	149502	1/24
10/0.3	mRBM4-10/3/B/03-A-PT	149533	1/24
13/0.3	mRBM4-13/3/B/03-A-PT	149534	1/24
16/0.3	mRBM4-16/3/B/03-A-PT	149535	1/24
20/0.3	mRBM4-20/3/B/03-A-PT	149536	1/24

SG08210



Characteristic C

6/0.03	mRBM4-6/3/C/003-A-PT	149469	1/24
10/0.03	mRBM4-10/3/C/003-A-PT	149470	1/24
13/0.03	mRBM4-13/3/C/003-A-PT	149471	1/24
16/0.03	mRBM4-16/3/C/003-A-PT	149472	1/24
20/0.03	mRBM4-20/3/C/003-A-PT	149473	1/24
25/0.03	mRBM4-25/3/C/003-A-PT	149474	1/24
32/0.03	mRBM4-32/3/C/003-A-PT	149475	1/24
6/0.1	mRBM4-6/3/C/01-A-PT	149503	1/24
10/0.1	mRBM4-10/3/C/01-A-PT	149504	1/24
13/0.1	mRBM4-13/3/C/01-A-PT	149505	1/24
16/0.1	mRBM4-16/3/C/01-A-PT	149506	1/24
20/0.1	mRBM4-20/3/C/01-A-PT	149507	1/24
25/0.1	mRBM4-25/3/C/01-A-PT	149508	1/24
32/0.1	mRBM4-32/3/C/01-A-PT	149509	1/24
6/0.3	mRBM4-6/3/C/03-A-PT	149537	1/24
10/0.3	mRBM4-10/3/C/03-A-PT	149538	1/24
13/0.3	mRBM4-13/3/C/03-A-PT	149539	1/24
16/0.3	mRBM4-16/3/C/03-A-PT	149540	1/24
20/0.3	mRBM4-20/3/C/03-A-PT	149541	1/24
25/0.3	mRBM4-25/3/C/03-A-PT	149542	1/24
32/0.3	mRBM4-32/3/C/03-A-PT	149543	1/24

SG08210



Characteristic D

6/0.03	mRBM4-6/3/D/003-A-PT	149476	1/24
10/0.03	mRBM4-10/3/D/003-A-PT	149477	1/24
13/0.03	mRBM4-13/3/D/003-A-PT	149478	1/24
16/0.03	mRBM4-16/3/D/003-A-PT	149479	1/24
20/0.03	mRBM4-20/3/D/003-A-PT	149480	1/24
25/0.03	mRBM4-25/3/D/003-A-PT	149481	1/24
6/0.1	mRBM4-6/3/D/01-A-PT	149510	1/24
10/0.1	mRBM4-10/3/D/01-A-PT	149511	1/24
13/0.1	mRBM4-13/3/D/01-A-PT	149512	1/24
16/0.1	mRBM4-16/3/D/01-A-PT	149513	1/24
20/0.1	mRBM4-20/3/D/01-A-PT	149514	1/24
25/0.1	mRBM4-25/3/D/01-A-PT	149515	1/24
6/0.3	mRBM4-6/3/D/03-A-PT	149544	1/24
10/0.3	mRBM4-10/3/D/03-A-PT	149545	1/24
13/0.3	mRBM4-13/3/D/03-A-PT	149546	1/24
16/0.3	mRBM4-16/3/D/03-A-PT	149547	1/24
20/0.3	mRBM4-20/3/D/03-A-PT	149548	1/24
25/0.3	mRBM4-25/3/D/03-A-PT	149549	1/24

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

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

SG08210



Characteristic B

10/0.03	mRBM4-10/3/B/003-PT	149482	1/24
13/0.03	mRBM4-13/3/B/003-PT	149483	1/24
16/0.03	mRBM4-16/3/B/003-PT	149484	1/24
20/0.03	mRBM4-20/3/B/003-PT	149485	1/24
10/0.1	mRBM4-10/3/B/01-PT	149516	1/24
13/0.1	mRBM4-13/3/B/01-PT	149517	1/24
16/0.1	mRBM4-16/3/B/01-PT	149518	1/24
20/0.1	mRBM4-20/3/B/01-PT	149519	1/24
10/0.3	mRBM4-10/3/B/03-PT	149550	1/24
13/0.3	mRBM4-13/3/B/03-PT	149551	1/24
16/0.3	mRBM4-16/3/B/03-PT	149552	1/24
20/0.3	mRBM4-20/3/B/03-PT	149553	1/24

SG08210



Characteristic C

6/0.03	mRBM4-6/3/C/003-PT	149486	1/24
10/0.03	mRBM4-10/3/C/003-PT	149487	1/24
13/0.03	mRBM4-13/3/C/003-PT	149488	1/24
16/0.03	mRBM4-16/3/C/003-PT	149489	1/24
20/0.03	mRBM4-20/3/C/003-PT	149490	1/24
25/0.03	mRBM4-25/3/C/003-PT	149491	1/24
32/0.03	mRBM4-32/3/C/003-PT	149492	1/24
6/0.1	mRBM4-6/3/C/01-PT	149520	1/24
10/0.1	mRBM4-10/3/C/01-PT	149521	1/24
13/0.1	mRBM4-13/3/C/01-PT	149522	1/24
16/0.1	mRBM4-16/3/C/01-PT	149523	1/24
20/0.1	mRBM4-20/3/C/01-PT	149524	1/24
25/0.1	mRBM4-25/3/C/01-PT	149525	1/24
32/0.1	mRBM4-32/3/C/01-PT	149526	1/24
6/0.3	mRBM4-6/3/C/03-PT	149554	1/24
10/0.3	mRBM4-10/3/C/03-PT	149555	1/24
13/0.3	mRBM4-13/3/C/03-PT	149556	1/24
16/0.3	mRBM4-16/3/C/03-PT	149557	1/24
20/0.3	mRBM4-20/3/C/03-PT	149558	1/24
25/0.3	mRBM4-25/3/C/03-PT	149559	1/24
32/0.3	mRBM4-32/3/C/03-PT	149560	1/24

SG08210



Characteristic D

6/0.03	mRBM4-6/3/D/003-PT	149493	1/24
10/0.03	mRBM4-10/3/D/003-PT	149494	1/24
13/0.03	mRBM4-13/3/D/003-PT	149495	1/24
16/0.03	mRBM4-16/3/D/003-PT	149496	1/24
20/0.03	mRBM4-20/3/D/003-PT	149497	1/24
25/0.03	mRBM4-25/3/D/003-PT	149498	1/24
6/0.1	mRBM4-6/3/D/01-PT	149527	1/24
10/0.1	mRBM4-10/3/D/01-PT	149528	1/24
13/0.1	mRBM4-13/3/D/01-PT	149529	1/24
16/0.1	mRBM4-16/3/D/01-PT	149530	1/24
20/0.1	mRBM4-20/3/D/01-PT	149531	1/24
25/0.1	mRBM4-25/3/D/01-PT	149532	1/24
6/0.3	mRBM4-6/3/D/03-PT	149561	1/24
10/0.3	mRBM4-10/3/D/03-PT	149562	1/24
13/0.3	mRBM4-13/3/D/03-PT	149563	1/24
16/0.3	mRBM4-16/3/D/03-PT	149564	1/24
20/0.3	mRBM4-20/3/D/03-PT	149565	1/24
25/0.3	mRBM4-25/3/D/03-PT	149566	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