

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 6 kA

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

Type
Designation

Article No.

Units per
package

Type A

6 kA, 3+N-pole

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

SG08210



Characteristic B

10/0.03	mRB64-10/3/B/003-A-PT	149567	1/24
13/0.03	mRB64-13/3/B/003-A-PT	149568	1/24
16/0.03	mRB64-16/3/B/003-A-PT	149569	1/24
20/0.03	mRB64-20/3/B/003-A-PT	149570	1/24
10/0.1	mRB64-10/3/B/01-A-PT	149601	1/24
13/0.1	mRB64-13/3/B/01-A-PT	149602	1/24
16/0.1	mRB64-16/3/B/01-A-PT	149603	1/24
20/0.1	mRB64-20/3/B/01-A-PT	149604	1/24
10/0.3	mRB64-10/3/B/03-A-PT	149635	1/24
13/0.3	mRB64-13/3/B/03-A-PT	149636	1/24
16/0.3	mRB64-16/3/B/03-A-PT	149637	1/24
20/0.3	mRB64-20/3/B/03-A-PT	149638	1/24

SG08210



Characteristic C

6/0.03	mRB64-6/3/C/003-A-PT	149571	1/24
10/0.03	mRB64-10/3/C/003-A-PT	149572	1/24
13/0.03	mRB64-13/3/C/003-A-PT	149573	1/24
16/0.03	mRB64-16/3/C/003-A-PT	149574	1/24
20/0.03	mRB64-20/3/C/003-A-PT	149575	1/24
25/0.03	mRB64-25/3/C/003-A-PT	149576	1/24
32/0.03	mRB64-32/3/C/003-A-PT	149577	1/24
6/0.1	mRB64-6/3/C/01-A-PT	149605	1/24
10/0.1	mRB64-10/3/C/01-A-PT	149606	1/24
13/0.1	mRB64-13/3/C/01-A-PT	149607	1/24
16/0.1	mRB64-16/3/C/01-A-PT	149608	1/24
20/0.1	mRB64-20/3/C/01-A-PT	149609	1/24
25/0.1	mRB64-25/3/C/01-A-PT	149610	1/24
32/0.1	mRB64-32/3/C/01-A-PT	149611	1/24
6/0.3	mRB64-6/3/C/03-A-PT	149639	1/24
10/0.3	mRB64-10/3/C/03-A-PT	149640	1/24
13/0.3	mRB64-13/3/C/03-A-PT	149641	1/24
16/0.3	mRB64-16/3/C/03-A-PT	149642	1/24
20/0.3	mRB64-20/3/C/03-A-PT	149643	1/24
25/0.3	mRB64-25/3/C/03-A-PT	149644	1/24
32/0.3	mRB64-32/3/C/03-A-PT	149645	1/24

SG08210



Characteristic D

6/0.03	mRB64-6/3/D/003-A-PT	149578	1/24
10/0.03	mRB64-10/3/D/003-A-PT	149579	1/24
13/0.03	mRB64-13/3/D/003-A-PT	149580	1/24
16/0.03	mRB64-16/3/D/003-A-PT	149581	1/24
20/0.03	mRB64-20/3/D/003-A-PT	149582	1/24
25/0.03	mRB64-25/3/D/003-A-PT	149583	1/24
6/0.1	mRB64-6/3/D/01-A-PT	149612	1/24
10/0.1	mRB64-10/3/D/01-A-PT	149613	1/24
13/0.1	mRB64-13/3/D/01-A-PT	149614	1/24
16/0.1	mRB64-16/3/D/01-A-PT	149615	1/24
20/0.1	mRB64-20/3/D/01-A-PT	149616	1/24
25/0.1	mRB64-25/3/D/01-A-PT	149617	1/24
6/0.3	mRB64-6/3/D/03-A-PT	149646	1/24
10/0.3	mRB64-10/3/D/03-A-PT	149647	1/24
13/0.3	mRB64-13/3/D/03-A-PT	149648	1/24
16/0.3	mRB64-16/3/D/03-A-PT	149649	1/24
20/0.3	mRB64-20/3/D/03-A-PT	149650	1/24
25/0.3	mRB64-25/3/D/03-A-PT	149651	1/24

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

Type
Designation

Article No.

Units per
package

Type AC

6 kA, 3+N-pole

Conditionally surge current-proof 250 A, type AC

SG08210



Characteristic B

10/0.03	mRB64-10/3/B/003-PT	149584	1/24
13/0.03	mRB64-13/3/B/003-PT	149585	1/24
16/0.03	mRB64-16/3/B/003-PT	149586	1/24
20/0.03	mRB64-20/3/B/003-PT	149587	1/24
10/0.1	mRB64-10/3/B/01-PT	149618	1/24
13/0.1	mRB64-13/3/B/01-PT	149619	1/24
16/0.1	mRB64-16/3/B/01-PT	149620	1/24
20/0.1	mRB64-20/3/B/01-PT	149621	1/24
10/0.3	mRB64-10/3/B/03-PT	149652	1/24
13/0.3	mRB64-13/3/B/03-PT	149653	1/24
16/0.3	mRB64-16/3/B/03-PT	149654	1/24
20/0.3	mRB64-20/3/B/03-PT	149655	1/24

SG08210



Characteristic C

6/0.03	mRB64-6/3/C/003-PT	149588	1/24
10/0.03	mRB64-10/3/C/003-PT	149589	1/24
13/0.03	mRB64-13/3/C/003-PT	149590	1/24
16/0.03	mRB64-16/3/C/003-PT	149591	1/24
20/0.03	mRB64-20/3/C/003-PT	149592	1/24
25/0.03	mRB64-25/3/C/003-PT	149593	1/24
32/0.03	mRB64-32/3/C/003-PT	149594	1/24
6/0.1	mRB64-6/3/C/01-PT	149622	1/24
10/0.1	mRB64-10/3/C/01-PT	149623	1/24
13/0.1	mRB64-13/3/C/01-PT	149624	1/24
16/0.1	mRB64-16/3/C/01-PT	149625	1/24
20/0.1	mRB64-20/3/C/01-PT	149626	1/24
25/0.1	mRB64-25/3/C/01-PT	149627	1/24
32/0.1	mRB64-32/3/C/01-PT	149628	1/24
6/0.3	mRB64-6/3/C/03-PT	149656	1/24
10/0.3	mRB64-10/3/C/03-PT	149657	1/24
13/0.3	mRB64-13/3/C/03-PT	149658	1/24
16/0.3	mRB64-16/3/C/03-PT	149659	1/24
20/0.3	mRB64-20/3/C/03-PT	149660	1/24
25/0.3	mRB64-25/3/C/03-PT	149661	1/24
32/0.3	mRB64-32/3/C/03-PT	149662	1/24

SG08210



Characteristic D

6/0.03	mRB64-6/3/D/003-PT	149595	1/24
10/0.03	mRB64-10/3/D/003-PT	149596	1/24
13/0.03	mRB64-13/3/D/003-PT	149597	1/24
16/0.03	mRB64-16/3/D/003-PT	149598	1/24
20/0.03	mRB64-20/3/D/003-PT	149599	1/24
25/0.03	mRB64-25/3/D/003-PT	149600	1/24
6/0.1	mRB64-6/3/D/01-PT	149629	1/24
10/0.1	mRB64-10/3/D/01-PT	149630	1/24
13/0.1	mRB64-13/3/D/01-PT	149631	1/24
16/0.1	mRB64-16/3/D/01-PT	149632	1/24
20/0.1	mRB64-20/3/D/01-PT	149633	1/24
25/0.1	mRB64-25/3/D/01-PT	149634	1/24
6/0.3	mRB64-6/3/D/03-PT	149663	1/24
10/0.3	mRB64-10/3/D/03-PT	149664	1/24
13/0.3	mRB64-13/3/D/03-PT	149665	1/24
16/0.3	mRB64-16/3/D/03-PT	149666	1/24
20/0.3	mRB64-20/3/D/03-PT	149667	1/24
25/0.3	mRB64-25/3/D/03-PT	149668	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