

LOADLIMITER 63M MCB

Main Features

- 10kA rated to the requirements of EN 60898-1
- 15kA rated to the requirements of EN 60947-2
- Contact position indicator

CATALOGUE NUMBERS

Current Rating (A) Code	B Type Product Code	C Type Product Code	D Type Product
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Single-pole MCBs

1	-	MT1PC01A	-
6	MT1PB06A	MT1PC06A	MT1PD06A
10	MT1PB10A	MT1PC10A	MT1PD10A
16	MT1PB16A	MT1PC16A	MT1PD16A
20	MT1PB20A	MT1PC20A	MT1PD20A
25	MT1PB25A	MT1PC25A	MT1PD25A
32	MT1PB32A	MT1PC32A	MT1PD32A
40	MT1PB40A	MT1PC40A	MT1PD40A
50	MT1PB50A	MT1PC50A	MT1PD50A
63	MT1PB63A	MT1PC63A	MT1PD63A

Double-pole MCBs

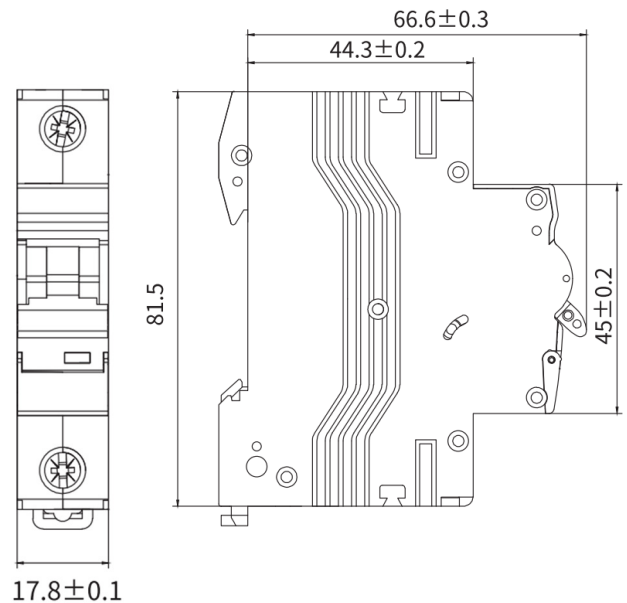
6	MT2PB06A	MT2PC06A	MT2PD06A
10	MT2PB10A	MT2PC10A	MT2PD10A
16	MT2PB16A	MT2PC16A	MT2PD16A
20	MT2PB20A	MT2PC20A	MT2PD20A
25	MT2PB25A	MT2PC25A	MT2PD25A
32	MT2PB32A	MT2PC32A	MT2PD32A
40	MT2PB40A	MT2PC40A	MT2PD40A
50	MT2PB50A	MT2PC50A	MT2PD50A
63	MT2PB63A	MT2PC63A	MT2PD63A

Triple-pole MCBs

1	-	MT3PC01A	-
6	MT3PB06A	MT3PC06A	MT3PD06A
10	MT3PB10A	MT3PC10A	MT3PD10A
16	MT3PB16A	MT3PC16A	MT3PD16A
20	MT3PB20A	MT3PC20A	MT3PD20A
25	MT3PB25A	MT3PC25A	MT3PD25A
32	MT3PB32A	MT3PC32A	MT3PD32A
40	MT3PB40A	MT3PC40A	MT3PD40A
50	MT3PB50A	MT3PC50A	MT3PD50A
63	MT3PB63A	MT3PC63A	MT3PD63A

MCB Accessories

Description	Product Code
240V AC Shunt Trip for MCB	MST
Auxiliary contact for MCB	MAUX
Alarm switch for MCB	MAL
MCB Dolly locking device	KDL
Padlock for dolly locking device	XPL



MCBs are modular. Single pole shown. Double Pole width = 35.6±0.1mm and Triple Pole = 54±0.1mm

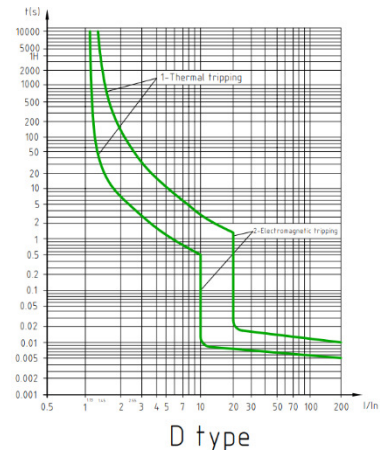
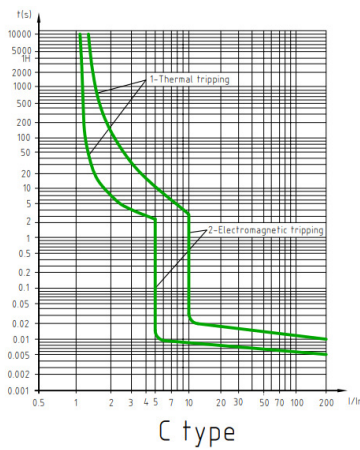
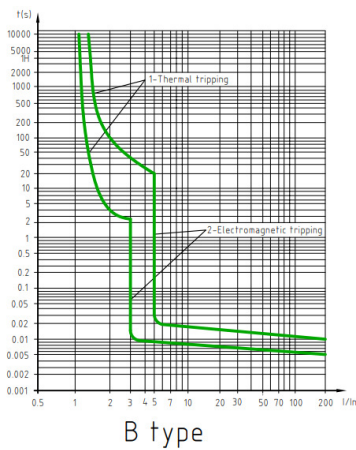


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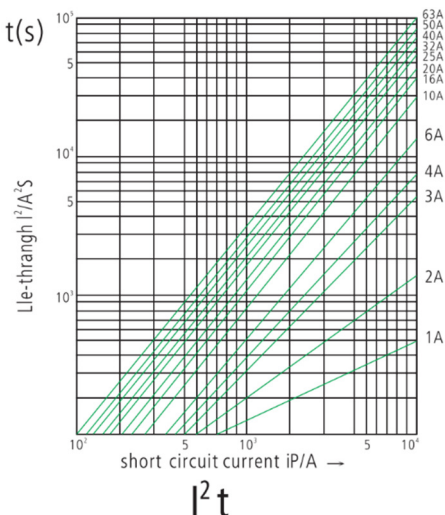
Technical data

Rated voltage	230/400V AC
Rated insulation voltage	500V
Rated impulse withstand voltage	4kV
Energy limiting class	3
Breaking capacity	10 kA
Rated frequency	50/60Hz
Characteristic	B, C, D
Mechanical endurance	20000
Electrical endurance	8000
Terminals	Up to 25A - 16mm ² flexible, 25mm ² rigid, 32A to 63A - 25mm ² flexible, 35mm ² rigid
Protection degree	IP20
Ambient temperature	-5°C ... +40°C

I/t Characteristic at 50 & 60Hz



Energy Let-through Characteristics



Overcurrent Protecting Characteristics

No	Rated current of release(A)	Initial state	Test current	Specified time	Result to be obtained	Remarks
1	1-63	cold state	1.13In	$t \leq 1$ h	Non-trip	
2	1-63	upon the previous test	1.45In	$t < 1$ h	trip	Setting current up to specified value steadily in 5S
3	In ≤ 32	cold state	2.55In	1s < t < 60s	trip	
	In > 32	cold state	2.55In	1s < t < 120s	trip	
4	1-63	cold state	3In	$t \leq 0.1$ s	Non-trip	B type
	1-63	cold state	5In	$t < 1.1$ s	trip	B type
	1-63	cold state	5In	$t \leq 0.1$ s	Non-trip	C type
	1-63	cold state	10In	$t < 1.1$ s	trip	C type
	1-63	cold state	10In	$t \leq 0.1$ s	Non-trip	D type
	1-63	cold state	20In	$t < 1.1$ s	trip	D type