

1, 2, 3, 4P - 10kA



new

P2 MB 1P...



P2 MB 2P...



P2 MB 3P...



P2 MB 4P...

Order code	Curve	IEC In	IEC Icn	N° of DIN modules	Qty per pkg	Wt
	Type	[A]	[kA]		n°	[kg]

One pole, thermal and magnetic trip type, C-type characteristic.

P2 MB 1P C080	C	80	10 [Ⓢ]	1.5	8	0.166
P2 MB 1P C100	C	100	10 [Ⓢ]	1.5	8	0.166
P2 MB 1P C125	C	125	10 [Ⓢ]	1.5	8	0.166

Two pole, thermal and magnetic trip type, C-type characteristic.

P2 MB 2P C080	C	80	10	3	4	0.340
P2 MB 2P C100	C	100	10	3	4	0.340
P2 MB 2P C125	C	125	10	3	4	0.340

Three pole, thermal and magnetic trip type, C-type characteristic.

P2 MB 3P C080	C	80	10	4.5	3	0.510
P2 MB 3P C100	C	100	10	4.5	3	0.510
P2 MB 3P C125	C	125	10	4.5	3	0.510

Four pole, thermal and magnetic trip type, C-type characteristic.

P2 MB 4P C080	C	80	10	6	2	0.680
P2 MB 4P C100	C	100	10	6	2	0.680
P2 MB 4P C125	C	125	10	6	2	0.680

Three pole, thermal and magnetic trip type, D-type characteristic.

P2 MB 3P D080	D	80	10	4.5	10	0.510
P2 MB 3P D100	D	100	10	4.5	10	0.510
P2 MB 3P D125	D	125	10	4.5	10	0.510

Four pole, thermal and magnetic trip type, D-type characteristic.

P2 MB 4P D080	D	80	10	6	10	0.510
P2 MB 4P D100	D	100	10	6	10	0.510
P2 MB 4P D125	D	125	10	6	10	0.510

[Ⓢ] IEC current Icn at 230V.

NOTE: Supplementary Protectors per UL1077 / CSA C22-2 n°235.

General characteristics

These types are always used to protect against short circuits and overloads of wiring installations and loads in industrial applications.

Their purpose is always circuit protection, circuit isolation and load operation controls. They have instantaneous trip characteristics defined as follows:

- **C-type:** Instantaneous trip 5-10 times In
For inductive loads (mixed loads, resistive and inductive with low inrush current)
- **D-type:** Instantaneous trip 10-14 times In
For highly inductive loads (loads with high inrush and current such as motors).

Main features include:

- IEC rated current In: 80-125A
- Pole width: 17.5mm / 0.69"
- Contact status with flag indicator
- Trip characteristic: Curve type C and D
- Auxiliary contacts and trip releases mounted on MCB left side
- Fixing on 35mm DIN rail (IEC/EN 60715).

Operational characteristics

- Dissipation per pole: 15-20W
- IEC rated insulation voltage: 440V
- IEC rated impulse voltage: 4kV
- IEC rated operational voltage Ue: 230/440VAC[Ⓢ].

Certifications and compliance

Certifications obtained: TÜV – Rheinland; UL Recognized for USA and Canada (cURus – File E359585) as "Supplementary Protectors", designated as Overcurrent type, for general industrial use, suitable for factory wiring only with more than 135% tripping current of amp rating. Products having this type of marking are intended for use as components of complete workshop- assembled equipment.

Compliant with standards: IEC/EN 60898-1, IEC/EN 60947-2, UL 1077, CSA C22.2 n°235.