



MCBs for industrial/residential applications

Available in B, C or D curves BSEN 60898
 Single, double and three pole 6KA rated
 Accepts cables up to 25mm² 6A to 63A



Single Pole

Rating	Description	Part No. B Curve	Part No. C Curve	Part No. D Curve
6A	Single Pole 6A 6KA	MCB-106/2B	MCB-106/2C	MCB-106/2D
10A	Single Pole 10A 6KA	MCB-110/2B	MCB-110/2C	MCB-110/2D
16A	Single Pole 16A 6KA	MCB-116/2B	MCB-116/2C	MCB-116/2D
20A	Single Pole 20A 6KA	MCB-120/2B	MCB-120/2C	MCB-120/2D
25A	Single Pole 25A 6KA	MCB-125/2B	MCB-125/2C	MCB-125/2D
32A	Single Pole 32A 6KA	MCB-132/2B	MCB-132/2C	MCB-132/2D
40A	Single Pole 40A 6KA	MCB-1B0/2B	MCB-1B0/2C	MCB-1B0/2D
50A	Single Pole 50A 6KA	MCB-150/2B	MCB-150/2C	MCB-150/2D
63A	Single Pole 63A 6KA	MCB-163/2B	MCB-163/2C	MCB-163/2D

Double Pole

Rating	Description	Part No. C Curve	Part No. D Curve
6A	Double Pole 6A 6KA	MCB-206/2C	MCB-206/2D
10A	Double Pole 10A 6KA	MCB-210/2C	MCB-210/2D
16A	Double Pole 16A 6KA	MCB-216/2C	MCB-216/2D
20A	Double Pole 20A 6KA	MCB-220/2C	MCB-220/2D
25A	Double Pole 25A 6KA	MCB-225/2C	MCB-225/2D
32A	Double Pole 32A 6KA	MCB-232/2C	MCB-232/2D
40A	Double Pole 40A 6KA	MCB-2B0/2C	MCB-2B0/2D
50A	Double Pole 50A 6KA	MCB-250/2C	MCB-250/2D
63A	Double Pole 63A 6KA	MCB-263/2C	MCB-263/2D

Three Pole

Rating	Description	Part No. C Curve	Part No. D Curve
6A	Three Pole 6A 6KA	MCB-306/2C	MCB-306/2D
10A	Three Pole 10A 6KA	MCB-310/2C	MCB-310/2D
16A	Three Pole 16A 6KA	MCB-316/2C	MCB-316/2D
20A	Three Pole 20A 6KA	MCB-320/2C	MCB-320/2D
25A	Three Pole 25A 6KA	MCB-325/2C	MCB-325/2D
32A	Three Pole 32A 6KA	MCB-332/2C	MCB-332/2D
40A	Three Pole 40A 6KA	MCB-3B0/2C	MCB-3B0/2D
50A	Three Pole 50A 6KA	MCB-350/2C	MCB-350/2D
63A	Three Pole 63A 6KA	MCB-363/2C	MCB-363/2D

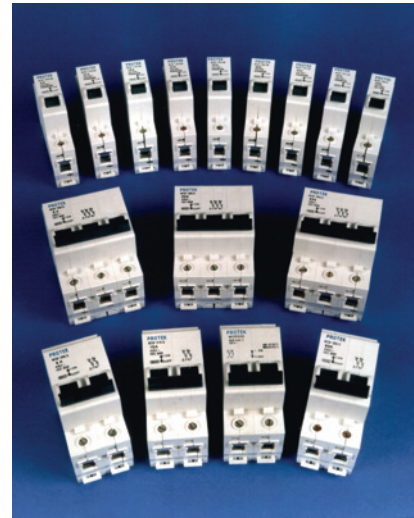


PROTEK

Protek's Single, double and three pole mcbs are available in B, C or D Curves.

The mcbs are rated at 6KA.

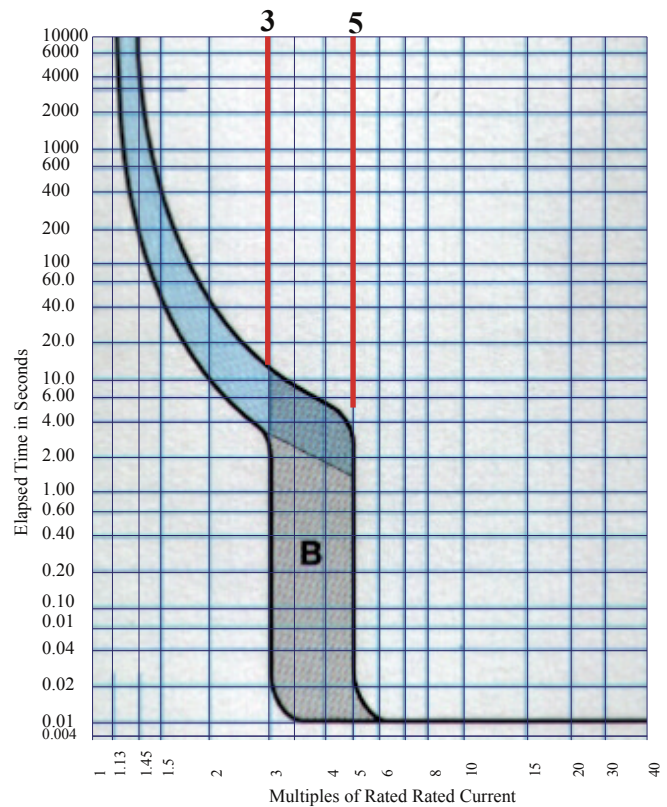
The tripping characteristics are displayed below:



'B' curve to BSEN 60898

Magnetic Trip 3 to 5 Times In

For use in domestic applications where the maximum sensitivity is required and there is very little in the way of equipment which would require a high start up current.



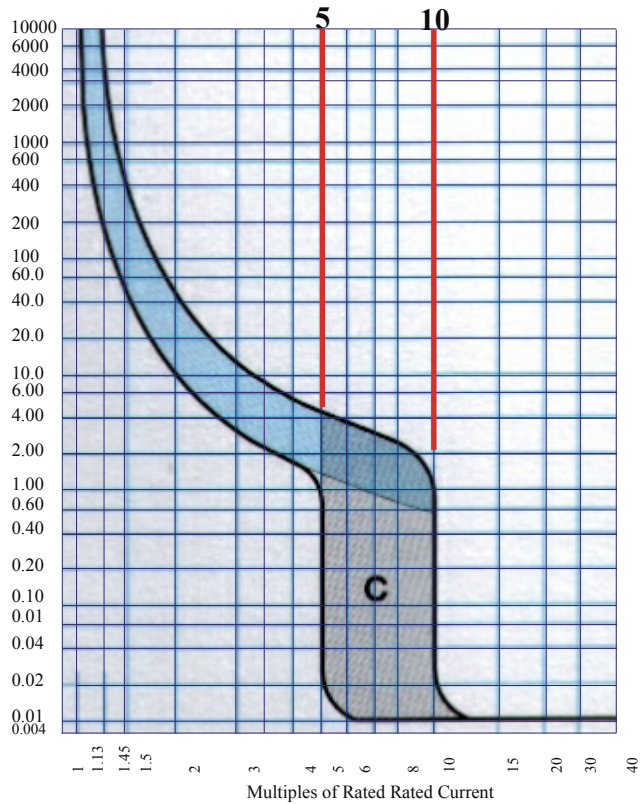
Protek 'B' Curve



'C' Curve to BSEN 60898 Magnetic Trip 5 to 10 Times In

Used in commercial and light industrial applications where close protection is not required and start up currents of devices can run up to 5 times rated current for a short period of time.

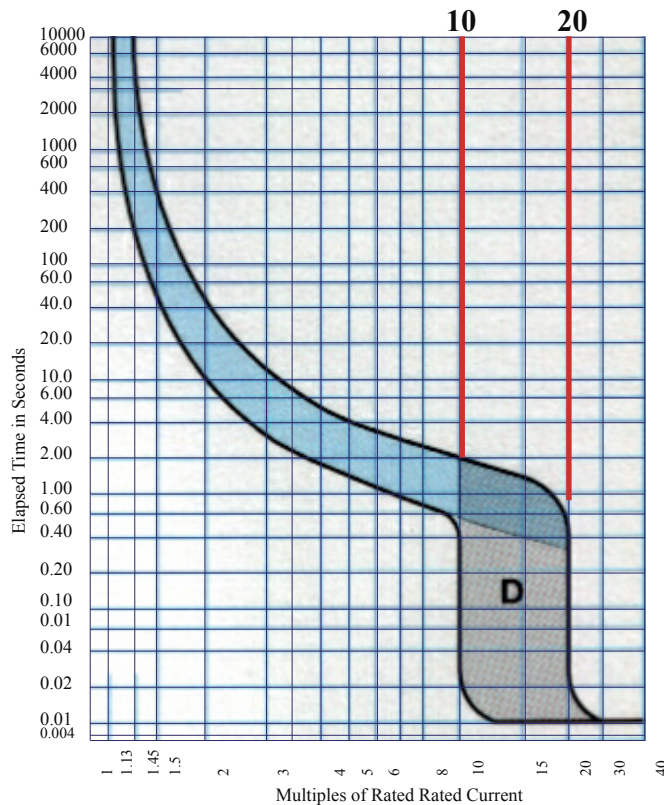
If a lot of low voltage lighting is used in a domestic environment then it would be prudent to fit C Type mcb due to the inrush current of the transformers thus avoiding nuisance tripping.



Protek 'C' Curve

'D' Curve to BSEN 60898 Magnetic Trip 10 to 20 Times In

Used in industrial applications where start up current may be 10 times the rated current. For example when using an electric motor with a DOL starter full load current would be at least 7 times the nominal running current. A large volume of low voltage lighting might also require a D type mcb.

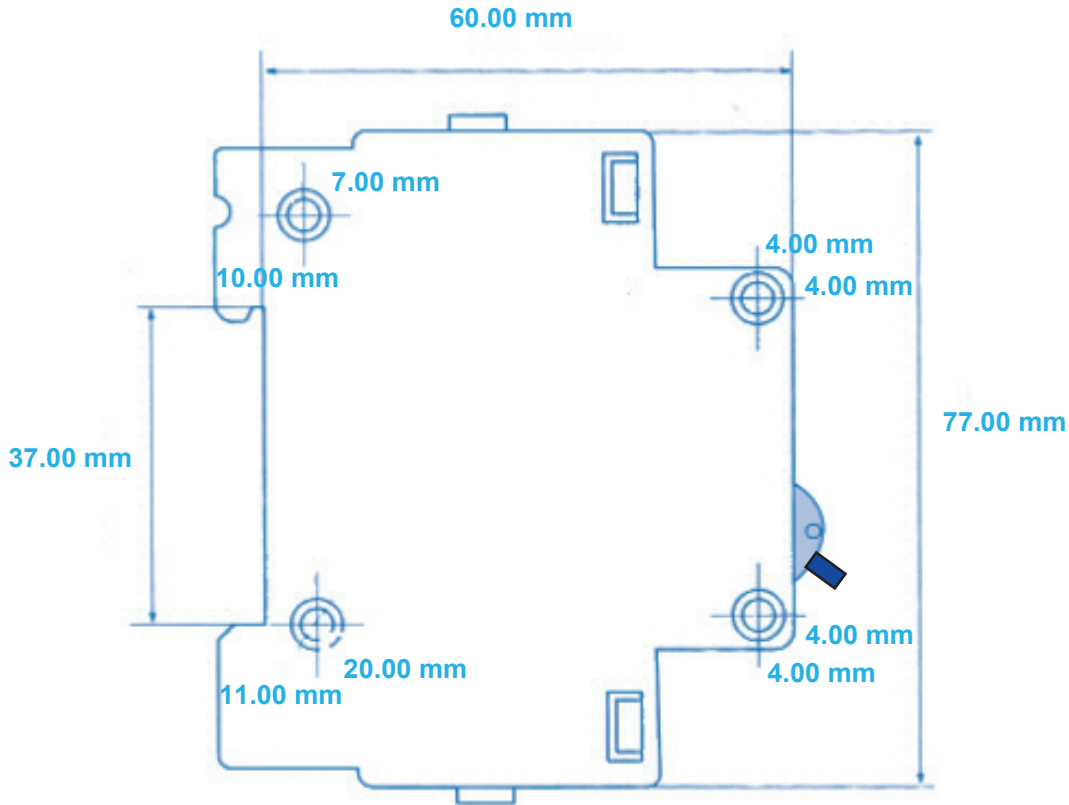


Protek 'D' Curve



PROTEK

Side elevation



MCBs will accept cables up
To 25mm² on both the incoming
And outgoing terminals

Width 18.00 mm

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PROTEK
DS6KAMCB01