



MCBs for industrial/residential applications

Available in B, C or D curves
 Single, double and three pole
 Positive Trip Indication
 Accepts cables up to 25mm²

BSEN 60898
 10KA rated
 6A to 63A



Single Pole

| Rating | Description | Part No. B Curve | Part No. C Curve | Part No. D Curve |
|--------|----------------------|------------------|------------------|------------------|
| 6A | Single Pole 6A 10KA | MCB-1B06 | MCB-1C06 | MCB-1D06 |
| 10A | Single Pole 10A 10KA | MCB-1B10 | MCB-1C10 | MCB-1D10 |
| 16A | Single Pole 16A 10KA | MCB-1B16 | MCB-1C16 | MCB-1D16 |
| 20A | Single Pole 20A 10KA | MCB-1B20 | MCB-1C20 | MCB-1D20 |
| 25A | Single Pole 25A 10KA | MCB-1B25 | MCB-1C25 | MCB-1D25 |
| 32A | Single Pole 32A 10KA | MCB-1B32 | MCB-1C32 | MCB-1D32 |
| 40A | Single Pole 40A 10KA | MCB-1B40 | MCB-1C40 | MCB-1D40 |
| 50A | Single Pole 50A 10KA | MCB-1B50 | MCB-1C50 | MCB-1D50 |
| 63A | Single Pole 63A 10KA | MCB-1B63 | MCB-1C63 | MCB-1D63 |

Double Pole

| Rating | Description | Part No. B Curve | Part No. C Curve | Part No. D Curve |
|--------|----------------------|------------------|------------------|------------------|
| 6A | Double Pole 6A 10KA | MCB-2B06 | MCB-2C06 | MCB-2D06 |
| 10A | Double Pole 10A 10KA | MCB-2B10 | MCB-2C10 | MCB-2D10 |
| 16A | Double Pole 16A 10KA | MCB-2B16 | MCB-2C16 | MCB-2D16 |
| 20A | Double Pole 20A 10KA | MCB-2B20 | MCB-2C20 | MCB-2D20 |
| 25A | Double Pole 25A 10KA | MCB-2B25 | MCB-2C25 | MCB-2D25 |
| 32A | Double Pole 32A 10KA | MCB-2B32 | MCB-2C32 | MCB-2D32 |
| 40A | Double Pole 40A 10KA | MCB-2B40 | MCB-2C40 | MCB-2D40 |
| 50A | Double Pole 50A 10KA | MCB-2B50 | MCB-2C50 | MCB-2D50 |
| 63A | Double Pole 63A 10KA | MCB-2B63 | MCB-2C63 | MCB-2D63 |

Three Pole

| Rating | Description | Part No. B Curve | Part No. C Curve | Part No. D Curve |
|--------|----------------------|------------------|------------------|------------------|
| 6A | Three Pole 6A 10KA | MCB-3B06 | MCB-3C06 | MCB-3D06 |
| 10A | Three Pole 10A 10KA | MCB-3B10 | MCB-3C10 | MCB-3D10 |
| 16A | Three Pole 16A 10KA | MCB-3B16 | MCB-3C16 | MCB-3D16 |
| 20A | Single Pole 20A 10KA | MCB-3B20 | MCB-3C20 | MCB-3D20 |
| 25A | Single Pole 25A 10KA | MCB-3B25 | MCB-3C25 | MCB-3D25 |
| 32A | Three Pole 32A 10KA | MCB-3B32 | MCB-3C32 | MCB-3D32 |
| 40A | Three Pole 40A 10KA | MCB-3B40 | MCB-3C40 | MCB-3D40 |
| 50A | Three Pole 50A 10KA | MCB-3B50 | MCB-3C50 | MCB-3D50 |
| 63A | Three Pole 63A 10KA | MCB-3B63 | MCB-3C63 | MCB-3D63 |



PROTEK

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

The mcbs are rated at 10KA and have Positive Contact Indication as standard.

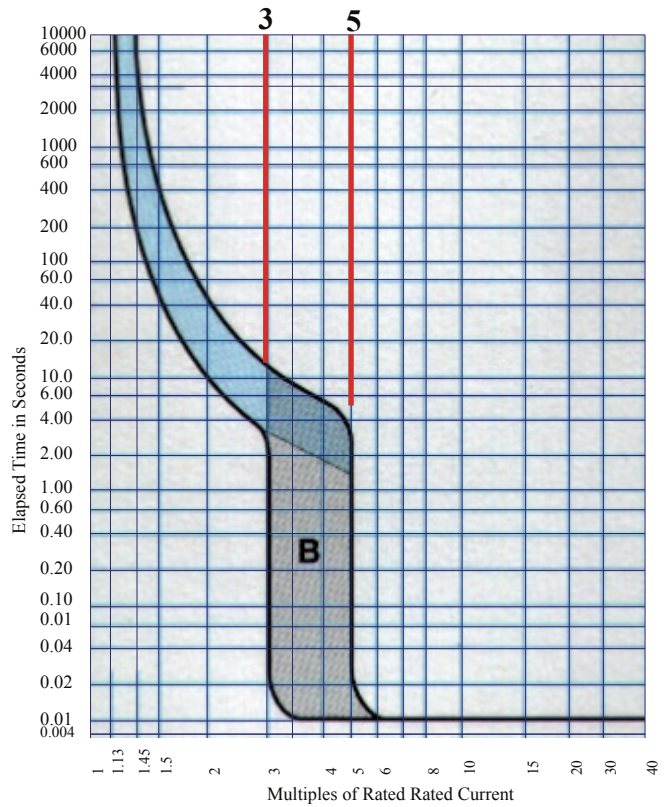


The tripping characteristics are displayed below:

'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.



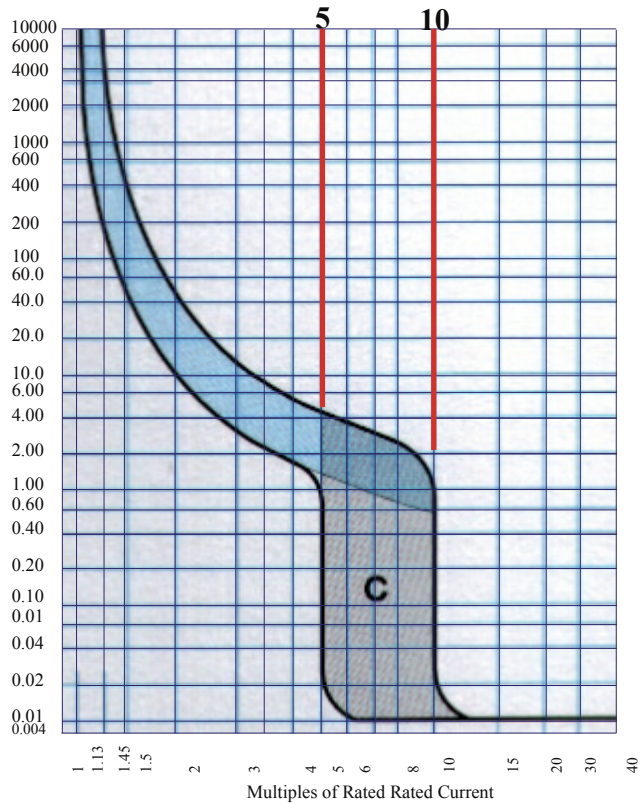
Protek 'B' Curve



'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.

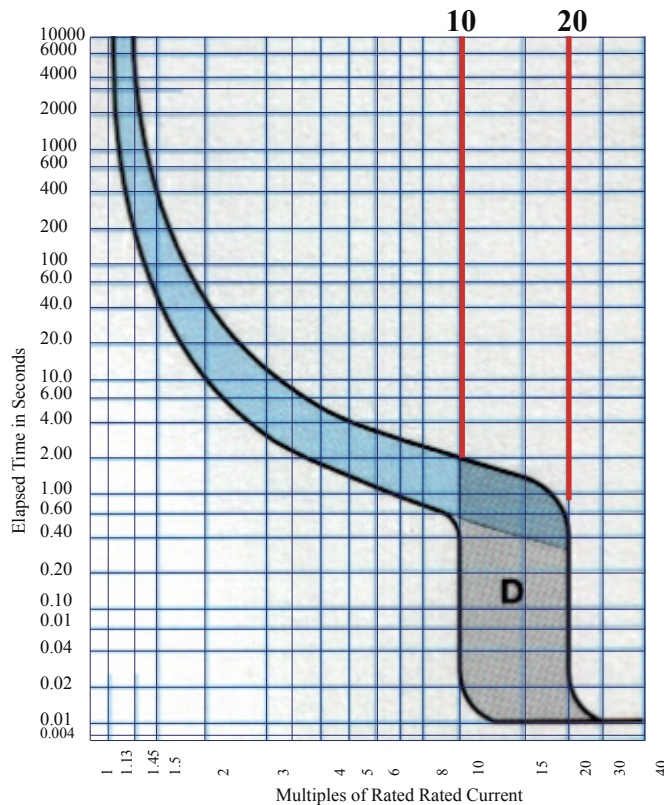
If a lot of low voltage lighting is used in a domestic environment then it would be prudent to fit C Type mcb due to the inrush current of the transformers thus avoiding nuisance tripping.



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.

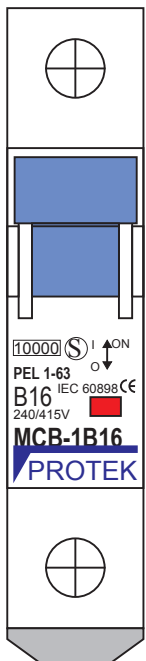
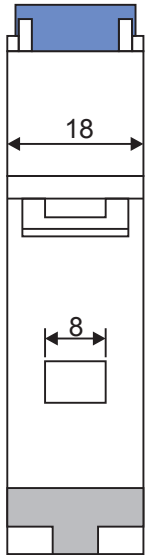


Protek 'D' Curve

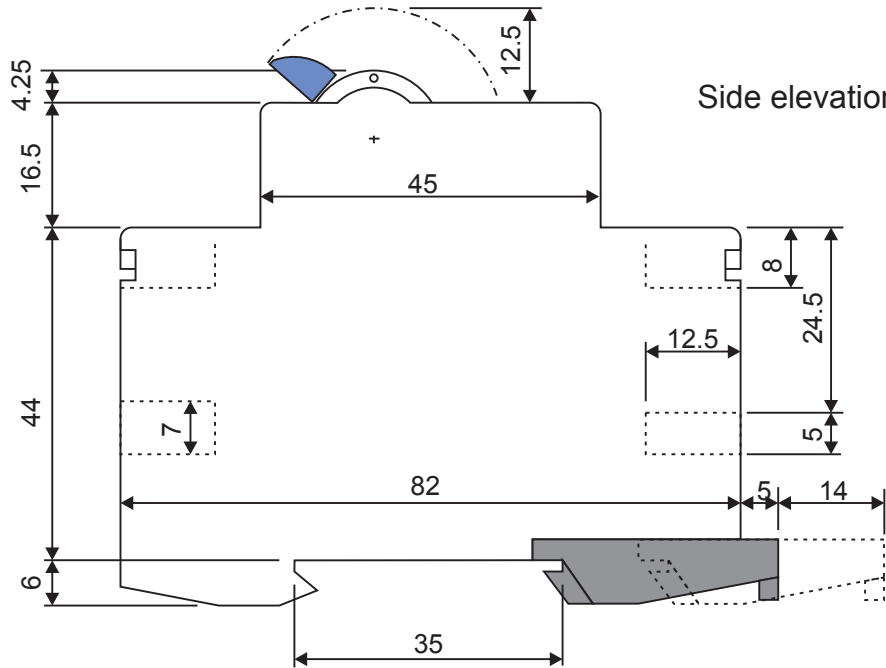


PROTEK

Bottom elevation

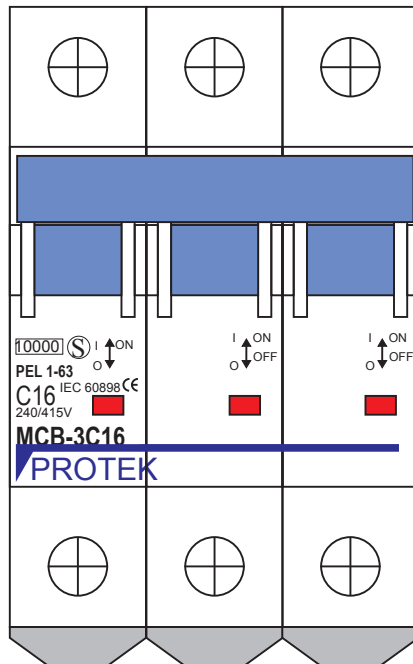


1 Pole



Side elevation

Front elevation



3 Pole

MCBs will accept cables up to 25mm² on both the incoming and outgoing terminals

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PROTEK
DS10KAMCB1