ICG

J-Type Miniature Circuit Breakers

Technical Data

- Protection against both overload and short circuit
- High short-short capacity 6KA.
- Easy mounting onto 35 DIN rail

- Pole No.: 1P、1P+N、2P、3P、3P+N、4P
- Rated voltage: AC 240/415V
- Rated current (A): 1,2,4,6,10,16,20,25,32,40,50,63
- Tripping curve: B/C/D
- Rated short-circuit capacity(Icn):6000A
- Rated frequency: 50/60Hz
- Rated impulse withstand voltage: 6.2kV
- Electro-mechanical endurance: 4000
- Connection terminal: Pillar terminal with clamp

- Connection capacity:

Rigid conductor up to 25mm2

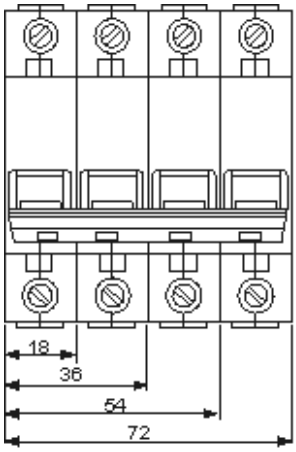
- Fastening torque:2.0Nm

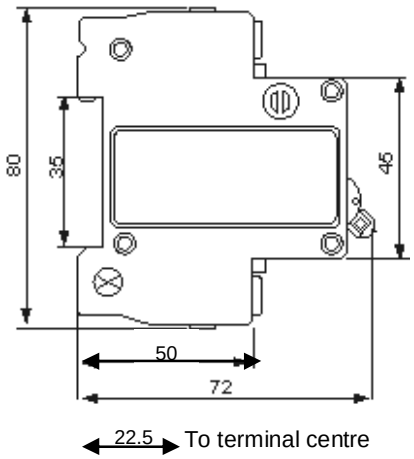
- Installation:

On symmetrical DIN rail 35mm

Panel mounting

Overall & installation dimensions

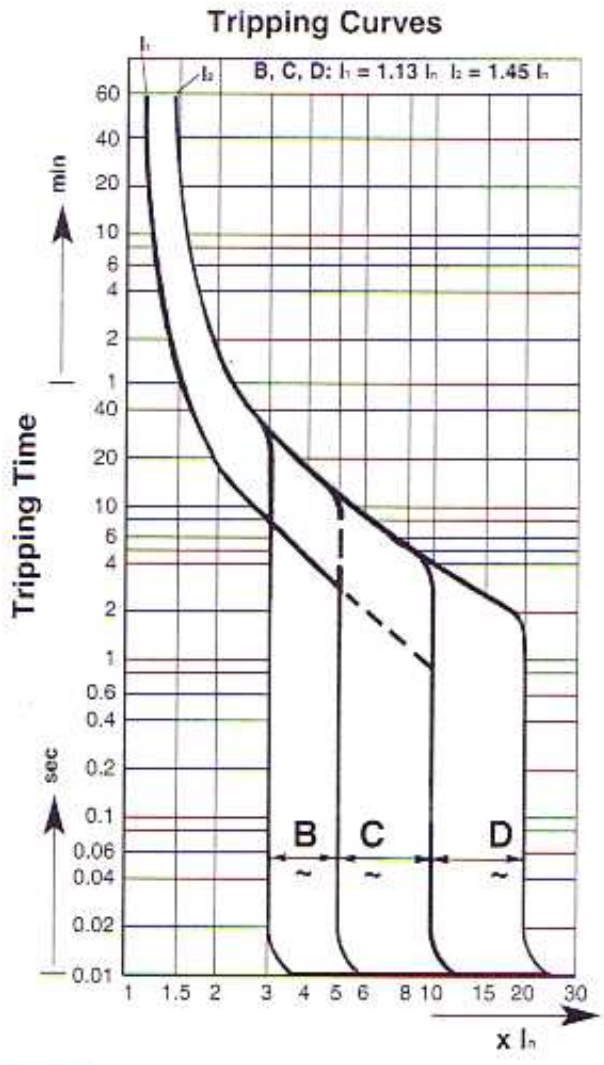




J-Type Miniature Circuit Breakers

Characteristics:

J-Type breakers are available in ‘B’, ‘C’ or ‘D’ curves for Single pole MCB’s and in ‘C’ or ‘D’ curves for Double and Triple pole.
All J-Type MCB’s are rated at 6kA short circuit capacity.
The tripping characteristics are shown to the right.



‘B’ Curve to BSEN 60898 (Magnetic Trip 3 to 5 Times In) Typically used in domestic situations where maximum sensitivity is required and very little equipment with high start up current is involved.

‘C’ Curve to BSEN 60898 (Magnetic Trip 5 to 10 Times In) Used in commercial/light industrial situations where close protection is not required and start up currents of devices can run up to 5 times rated current for a short period. Equally, if a number of low voltage lights are used in a domestic situation, then the ‘C’ type MCB’s, could be used to avoid nuisance tripping.

‘D’ Curve to BSEN 60898 (Magnetic Trip 10 to 20 Times In) Utilised in industrial situations where start up currents may be up to 10 times rated current. An example would be for the protection of machines fitted with electric motors or a large installation with a high volume of low voltage lighting.