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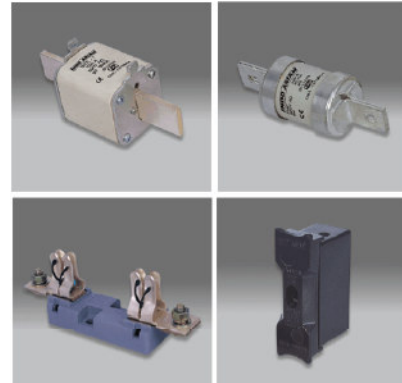
HRC Fuse & Fuse Links

Introduction - HRC Fuse & Fuse Links

DIN Type Fuse Links



DIN & BS Type Fuse Links & Holder



Open Type Fuse Base



Din Type Fuse Base





HRC Fuse & Fuse Links

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We offers full range of Low Voltage, General Purpose, Characteristic Type gG, High Breaking Capacity (HBC) Fuses from 2 A to 800A, confirming to IEC 269, Pt. 2, Sec 1 and IS 13703 Pt. 2, Sec 1.

The range includes matching Fuse bases upto 630A, Switch Links and Fuse pulling handles.

Variety

We offers 3 different range of Fuses & Bases –

Knife Type Square Body DIN Fuses links of 4 different sizes, from 6A to 630A in 34 ratings and Fuse Bases in 6 sizes upto 630A,

Bolted Type BS Pattern Fuse links of 12 different sizes, from 2A to 800A in 61 ratings and Fuse Bases in 5 sizes upto 100A,

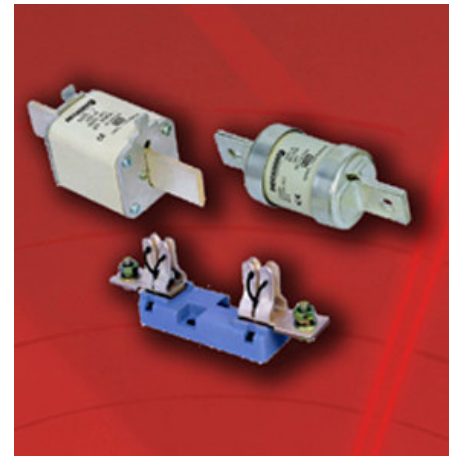
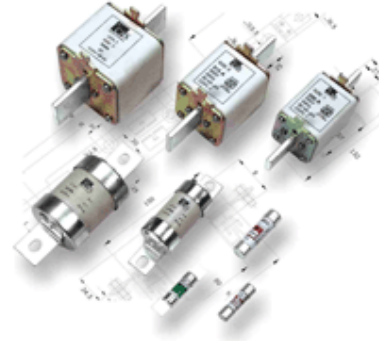
Cylindrical Body Clip Mounted Fuse Links 2 different sizes, from 2A to 63A in 21 ratings and Fuse Bases in 2 sizes upto 63A.

Features

- High resistance to ageing,
- Non - deteriorating element
- Constant Characteristic over a wide temperature range,

Applications

- Motor Starter Back UP,
- Cable Protection,
- Power Distribution Feeders Back Up Protection,
- Back up for MCBs / MCCBs,
- Transformer Protection,
- Capacitor Protection





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Application

Control HBC Fuse-link have been designed to meet the requirements set for modern installations & electrical power plants. Their breaking capacity is sufficient even for the highest short-circuit levels which are reached in practice.

Breaking Capacity

Breaking capacity of fuse links is 80ka at all rated currents, when service voltage is the same as rated voltage and frequency 50Hz.

Current limit Effect

Graphs in subsequent pages show the current limiting effect of fuses. At high short-circuit currents, the fuse limits the current to a much lower value than would be reached without fuses. As a result, cables and apparatus will only be subjected to much lower short-circuit stresses

Salient Features Curves

- Compliance to performance and dimensional requirement of Indian and International standard IS: 13703-1993. (Superseded by IS: 9224 Part I & II), (Part I & II) 1975 IEC -269 - (Part I & II) 1986.
- Short Circuit capacity at >80 ka, 415V, AC 50Hz.
- Positive indication of the operation with red colour pop. The pop up force can be utilized for operating some auxiliary circuit.
- Low power loss not only saves energy but also ensures cool running and longer life of equipment.
- Low cut-off current reduces electromagnetic stresses and damage to contacts.
- Low I²t let through energy reduces thermal stresses, fire risks and damages to equipment
- Ideally suitable for back up protection to motor starters against short circuit faults.

Fuse Base & Fuse Holders

Highest Mechanical Strength

- Body of high grade flame retardant non-hygroscopic phenolic moulding with a hard gloss surface in black finish-having high electrical properties with high tracking resistance. Alternatively, fuse bases with fiber-glass reinforced polyester resin moulded base can be supplied.
- Contact material is 99.9% ETP grade copper which is silver plated and designed to withstand electrodynamic short circuit stresses.

Longer Electrical Life.

Sufficient contact pressure is maintained by ring springs throughout the life of the base which also does not allow temperature rise to exceed.