

# PRE-INSULATED CONNECTORS

## DESCRIPTION

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Pre-insulated connectors are electrical components designed to terminate conductors and facilitate their connection to terminals or electrical devices. They feature integrated insulation, typically made of PVC or polyamide, providing additional protection against short circuits and electrical discharges.



## SPECIFICATIONS

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- Nominal voltage: Up to 36 kV.
- Compatible cable sections: 10 mm<sup>2</sup> to 240 mm<sup>2</sup>.
- Thermal resistance: -25 °C to +90 °C.
- Tensile strength: Excellent resistance to UV rays and corrosion.
- Simple installation: No specific tools required.

## MATERIAL

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- Corps principal : Fabriqué en alliage d'aluminium ou de cuivre, pour une excellente conductivité électrique.
- Isolation : En matériau plastique de haute qualité (PVC ou polyamide), résistant aux UV, à l'humidité, et aux variations de température.
- Vis de serrage : En acier galvanisé ou inoxydable, pour une connexion sécurisée et une durabilité accrue.
- Insertions internes : Garnitures ou ressorts pour assurer un contact électrique optimal.

## APPLICATION

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- Main body: Made of aluminum or copper alloy for excellent electrical conductivity.
- Insulation: High-quality plastic material (PVC or polyamide), resistant to UV rays, humidity, and temperature variations.
- Clamping screws: Made of galvanized or stainless steel for secure connections and increased durability.
- Internal inserts: Fittings or springs to ensure optimal electrical contact.