

Pre-Insulated Piercing Connector

BPC mechanical pre-insulated piercing connectors are designed for service and lighting cables. The connector's special shear head bolt design allows efficient installation, ensuring proper contact and preventing damage to the conductor.



Product Overview

Professional Pre-Insulated Piercing Solution

The BPC mechanical pre-insulated piercing connector is engineered for high-performance service and lighting cable applications. It features a high-strength aluminum alloy body and a weather-resistant, UV-stabilized insulating sheath for long-term durability in outdoor environments. The design allows for safe and efficient installation without the need to strip cable insulation, maintaining the mechanical integrity of the conductor.

Technical Performance

Performance Metrics

6 kV

Dielectric Voltage

10 Nm

Shear-off Torque

1 min

Test Duration

Model Specifications Table

Type	Conductor Size (mm ²)	Shear-off Torque (Nm)	Pack (pcs)
BPC-P4-35	4-35	10	30x4

Conductor Size Range

4-35 mm²

Compatible Materials

Aluminum (Al), Copper (Cu)

Material Specifications

Connector Body

High strength aluminium alloy

Insulating Sheath

Weather resistant and anti-UV material

Installation Features

Installation Advantages

- No stripping of cable insulation required
- Shear head bolt for controlled torque application
- No loose parts to drop during installation
- Constant piercing pressure for optimal electrical contact

Compliance & Standards

Industry Standards

EN 50483-4 • NF C 33-020

Logistics

Standard Packaging

30x4 pcs