



P2X95

### DESCRIPTION

Tin plated copper blades (P2X 95U; P3 & P4) or aluminium alloy (other P2) imbedded in moulded plastic and surrounded with a sealing compound insure electrical contact in LV overhead distribution networks. A single torque control nut draws the two halves of the connector together and shears off when the teeth have pierced the insulation and made contact with the conductor strands.

It is not recommended to re-use IPC when removed.

### FEATURES & BENEFITS

- . Expanded wire range
- . Accept copper conductor
- . Waterproof
- . End caps for taps and splices
- . Single bolt application with ring washers for residual pressure
- . Torque control nut for precise pressure on conductor and insulation
- . Operating temperature -55°C to +55°C
- . Installation temperature -20°C to +55°C

### PRODUCT CHARACTERISTICS

| Designation | TCPN      | RPN        | Main Al / Cu            |                         | Tap Al / Cu             |                         | Characteristics |       |            |
|-------------|-----------|------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------|-------|------------|
|             |           |            | Min. (mm <sup>2</sup> ) | Max. (mm <sup>2</sup> ) | Min. (mm <sup>2</sup> ) | Max. (mm <sup>2</sup> ) | I Max. (A)      | Pack. | Weight (g) |
| P2X 95      | 1510619-1 | F77006-000 | 16                      | 95                      | 4                       | 35(50)                  | 100             | 50    | 118        |
| P2X 95 U    | 1510619-3 | D42334-000 | 16                      | 95                      | 6                       | 35(50)                  | 150             | 10    | 120        |
| P2X 150     | 1510619-2 | C41222-000 | 50                      | 150                     | 6                       | 35(50)                  | 100             | 50    | 118        |
| P3X 95      | 1574150-1 | C44216-000 | 25                      | 95                      | 25                      | 95                      | 350             | 50    | 158        |
| P4X 120D    | 1701730-1 | F24596-000 | 25                      | 120                     | 25                      | 120                     | 550             | 25    | 332        |
| P4X 150 D   | 1574182-1 | F24596-000 | 50                      | 150                     | 50                      | 150                     | 550             | 25    | 342        |

## Insulation Piercing Connector for insulated overhead lines

These connectors have been designed to meet the rigid requirements of Global Power Distribution Companies. Ease of installation has been combined with excellent mechanical, electrical and environmental characteristics to provide a connector capable of terminating Aluminium or Copper stranded conductors.

### STANDARDS AND SPECIFICATIONS

- . The mechanical strength of the connection is in accordance with the tensile requirements of NF C 33 020 while the electrical performance meets or exceeds the test outlined in NF C 33 004
- . The dielectric and waterproof tests are in accordance with the rigid standards of NF C 33 020 and corrosion test per NF C 33 003 (French standards).
- . The moulded end caps have been tested for dielectric strength and resist 6kV for one minute.

### PRODUCT PICTURES

P3X95



P4X150D

