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Installation Instructions

FJI Series I Insulated Flat Crab Joints

Max Voltage

347/600V

Applicable Conductor

Copper conductor only

Insulating Material

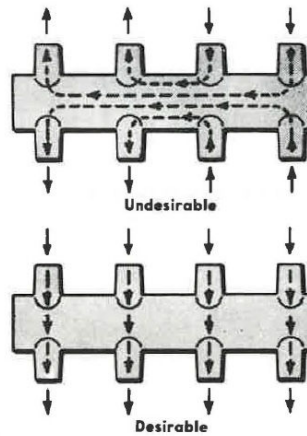
Over-molded EPDM

Contact System

Tin Plated Copper

Load Balance

Crab joints are meant to provide common nodes for connection of secondary cables. As per the below diagram, the contact system is rated only for balanced connections that match the “desirable” example shown below. Connecting line/load cables such that current flows along the length of the FJI connector may result in overheating and failure. Care must be taken to balance line/load connections.



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Installation

- A. Roll back rubber insulation to expose enough barrel to apply minimum of two (2) crimps with approved die. If required, carefully remove rubber to expose barrel.
- B. Prepare cable by stripping back jacket to expose sufficient conductor to achieve full insertion into barrel.
- C. Park coldshrink or heatshrink tube over conductor if applicable for sealing over cable leg/conductor.
- D. Fully insert conductor into barrel.
- E. Crimp barrel with appropriate die rotating crimps 90 degrees between each crimp and fitting at least two (2) crimps.
- F. Apply sealing tape/mastic or deploy jacket seal tube if parked in step #4 above to cover exposed copper and form water tight joint.