250 A 24 kV class deadbreak elbow connector - interface A

DE250 - 24 kV Applications

Related products

- DRC250 Receptacle Cap
- DPD250 Dead End Plug
- DPS250 Standoff Plug
- DPE250 Earthing Plug
- DJ250 Junctions

Installation

- No special tools, heating, taping, or potting are required
- Connector may be energized immediately after installation on its mating part
- Mates with bushings, plugs, and junction devices designed for interface A and complying with the listed standards

Application

- For connection of polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector
- For indoor and outdoor installations
- Type A interface as described by CENELEC EN 50180 and EN 50181
- System voltage up to 24 kV
- Continuous current 250 A (300 A overload for 8 hours)
- Cable particulars:
  - Polymeric cable (XLPE, EPR, etc.)
  - Copper or aluminum conductors
  - Semiconducting or metallic screens
- Conductor size 16-120 mm^2

Features

- Provides a fully screened and fully submersible separable connection when mated with the proper bushing or plug
- Built-in capacitive test point to determine the circuit status or install a fault indicator
- No minimum phase clearance requirements
- Mounting can be vertical, horizontal, or any angle in between
- 100% factory tested
  - AC withstand
  - Partial discharge

Standards

- Meets the requirements of Cenelec HD629.1 and IEC 60502-4

250 A, 24 kV class deadbreak straight connector - interface A

Related products

- DPC250 Receptacle Cap
- DPD2500 Dead End Plug
- DPE250 Earthing Plug
- DPS250 Standoff Plug
- DJ250 Junctions

Installation

- No special tools, heating, taping, or potting are required
- Connector may be energized immediately after installation on its mating part
- Mates with bushings, plugs, and junction devices designed for interface A and complying with the listed standards

Application

- For connection of polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector
- For indoor and outdoor installations
- Type A interface as described by Cenelec EN 50180 and EN50181
- System voltage up to 24 kV
- Continuous current 250 A (300 A overload for 8 hours)
- Cable particulars:
  - Polymeric cable (XLPE, EPR, etc.)
  - Copper or aluminum conductors
  - Semiconducting or metallic screens
- Conductor size:16-120 mm^2

Features

- Provides a fully screened and fully submersible separable connection when mated with proper bushing or plug.
- Built-in capacitive test point to determine the circuit status or install a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.
- 100% factory tested.
  - AC withstand
  - Partial Discharge

630 A deadbreak bolted tee connector - interface C

DT400 - 24 kV applications

DT436 - 36 kV applications

Related products

- DPC400/DPC436 Connecting Plug
- DRC400/DRC436 Receptacle Cap

Installation

- No special tools, heating, taping, or potting are required.
- Connector may be energized immediately after installation on its mating part.
- Mates with bushings, plugs, and junction devices complying with interface C per CENELEC 50180 and 50181.

Application

- For connection of extruded polymeric cable to transformers, switchgear, motors and other equipment with a premoulded separable connector.
- For indoor and outdoor installations.
- System voltage up to 36 kV.
- Continuous current 630 A (900 A overload for 8 hours).
- Cable particulars:
  - Extruded polymeric cable (XLPE, EPR, etc.)
  - Copper or aluminum conductors
  - Semiconducting or metallic screens
- Conductor size: 12 kV 70-400 mm2
  24 kV 25-400 mm2
  36 kV 25-240 mm2

Features

- Provides a fully screened and fully submersible separable connection when mated with proper bushing or plug.
- Built-in capacitive test point allows for an easy check of the circuit status or installation of a fault indicator.
- No minimum phase clearance requirements.
- Mounting can be vertical, horizontal, or any angle in between.
- 100% factory tested.
  - AC withstand
  - Partial Discharge

Standards

- Meets the requirements of CENELEC HD629.1 S2 and IEC 60502-4.

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