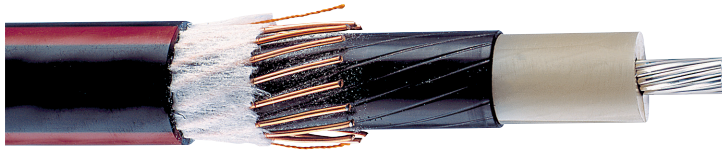


5-46kV TRXLPE SUPERDRI® CSA

Medium Voltage Utility Cables



DESCRIPTION

Single conductor cable with solid or filled strand aluminum or copper conductors, triple extruded insulation system consisting of a thermosetting semiconducting conductor shield, high dielectric strength TRXLPE insulation, thermosetting semiconducting insulation shield, copper concentric neutral wires, water swellable agents, black sleeved linear low-density polyethylene (LLDPE) jacket.

FEATURES

- Fully water blocked to prevent moisture migration and improve cable life
- Water swellable tape to ease jacket removal
- Ripcords for easy splicing and termination

SPECIFICATIONS AND RATINGS

CSA- CSA C68.5 -40°C

ICEA- ICEA T-31-610

ICEA- ICEA T-34-664

For 90°C continuous, 130°C emergency, 250°C short-circuit operation.

OPTIONS

- EPR insulation
- Super smooth conductor shield
- Tinned round and flat strap neutrals
- Cables made to AEIC CS8 and/or ICEA S-94-649
- Black LLDPE jacket with no stripes or alternate colors
- Multiplex cables

INSTALLATION

- Conduit In Air
- Underground Duct
- Wet Locations
- With Messenger
- Direct Buried
- Isolated In Air
- Dry Locations
- Utility Primary

DESIGN PARAMETERS

CONDUCTORS: Solid or Class B Compact & Compressed concentric strand aluminum alloy 1350 or soft drawn annealed copper per ASTM. Stranded conductors are water-blocked with STRANDSEAL® conductor filling compound.

CONDUCTOR SHIELD: Extruded thermosetting semiconducting shield which is free stripping from the conductor and bonded to the insulation.

INSULATION: Natural high dielectric TRXLPE insulation, exhibiting an optimum balance of mechanical and electrical properties, insuring resistance to treeing.

INSULATION SHIELD: Extruded thermosetting semiconducting shield with controlled adhesion to the insulation providing the required balance between electrical integrity and ease of stripping.

METALLIC SHIELD: Solid bare copper wires, helically applied and uniformly spaced.

RIP CORDS: Two high tensile strength rip cords, longitudinally applied at 180° apart to facilitate easy jacket removal.

WATER BLOCKING AGENTS: Water swellable tape applied longitudinally over the concentric neutrals combined with an application of water swellable agents to resist longitudinal water penetration under the jacket.

JACKET: Sleeved, black, insulating, sunlight resistant, linear low density polyethylene with three extruded red stripes.



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