We connect and protect

ISOnV Insulated Conductor

Power Utilities

ISOnV insulated down conductor is a specialized lightning protection down conductor that during operation may be subjected to impulse currents of up to 200 kA. ISOnV is designed and tested to control separation distance and arcing. A semiconductive outer layer is used to minimize voltage gradients under lightning conditions.

FEATURES

Provides protection of equipment against lightning strike flashover by providing an insulated path to ground via an equivalent separation distance

Field terminated with separately ordered termination kits

SPECIFICATIONS

Impulse Current (Iimp): 200 kA 10/350 µs

Table 1/1

Catalog Number	Equivalent Separation Distance	Installation Temperature	Working Temperature
ISONV50	50 cm	-20 to 50 °C	-40 to 90 °C
ISONV70	70 cm	-20 to 50 °C	-40 to 90 °C

ADDITIONAL PRODUCT DETAILS

Available in 1 m increments up to 1,000 m.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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