

# Low Voltage Insulators, Metric Thread, 50 mm, 50 mm Hex Width, M12 Thread

## Data Solutions

### CATALOG NUMBER

**ISOTP50M12**



### CERTIFICATIONS



### FEATURES

Halogen free

High resistance to leakage current

Great stability of electrical and mechanical parameters

Fiberglass reinforced

UL® Recognized in E125470 and evaluated for dielectric withstand rating of 1,500 VAC/DC

RoHS compliant

### PRODUCT ATTRIBUTES

Article Number: 548581

Material: Steel; Glass Fibre Reinforced Polyamide

Finish: Electrogalvanized

Working Temperature: -40 to 130°C

Flammability Rating: UL® 94V-0

Complies With: IEC® 60695-2-11 (Glow Wire Test 960 °C)

Dielectric Strength, IEC 61439.1: 3500 VAC @ 1 min

Dielectric Strength, UL: 1500

Insulation Voltage: 1000; 1500

Height (H): 50mm

Hex Width (W): 50mm

Depth (D): 57mm

Thread Size (TS): M12

Thread Depth (TD): 14.5mm

Diameter (Ø): 41mm

Static Load 1 (F1): 2000daN

Static Load 2 (F2): 1000daN

Unit Weight: 0.19kg

## ADDITIONAL PRODUCT DETAILS

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Creepage and clearance distances need to be in accordance with the relevant application standard.

## DIAGRAMS

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## WARNING

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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](http://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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