

# TSF Replacement Module



## CERTIFICATIONS



## FEATURES

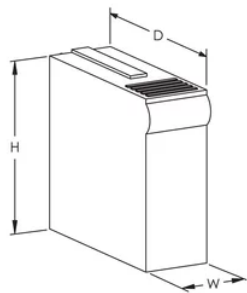
Replacement module for Transient Surge Filter

## SPECIFICATIONS

| Catalog Number                        | TSF24MDS                | TSF120MTDS              | TSF240MTDS              |
|---------------------------------------|-------------------------|-------------------------|-------------------------|
| Nominal System Voltage (Un)           | 24 VAC                  | 120 - 150 VAC           | 220 - 240 VAC           |
| Max Continuous Operating Voltage (Uc) | 30 VAC/38 VDC           | 170 VAC                 | 275 VAC                 |
| Nominal Discharge Current (In)        | 3kA 8/20 $\mu$ s        | 3kA 8/20 $\mu$ s        | 3kA 8/20 $\mu$ s        |
| Enclosure Material                    | UL® 94V-0 Thermoplastic | UL® 94V-0 Thermoplastic | UL® 94V-0 Thermoplastic |
| Temperature                           | -40 to 80 °C            | -40 to 80 °C            | -40 to 80 °C            |
| Module Width                          | 1 M                     | 1 M                     | 1 M                     |
| Depth (D)                             | 48.77mm                 | 48.77mm                 | 48.77mm                 |
| Height (H)                            | 45.2 mm                 | 45.2 mm                 | 45.2 mm                 |
| Width (W)                             | 18.03 mm                | 18.03 mm                | 18.03 mm                |

| Catalog Number | TSF24MDSD | TSF120MTDS | TSF240MTDS |
|----------------|-----------|------------|------------|
| Unit Weight    | 0.07 kg   | 0.07 kg    | 0.07 kg    |

DIAGRAMS



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](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.

North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

APAC

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



Our powerful portfolio of brands:

CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE