

# 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                |
| Unit Weight                           | 0.07 kg                 | 0.07 kg                 | 0.07 kg                 |

## 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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