

# PVT1 Replacement Module



## CERTIFICATIONS



## FEATURES

Replacement module for PVT1 photovoltaic surge protection devices

## SPECIFICATIONS

Table 1/2

| Catalog Number | Max Continuous Operating Voltage (Ucpv) | Nominal Discharge Current (In), IEC | Total Discharge Current (Itotal) | Voltage Protection Level (Up) | Response Time | Short Circuit Current Rating (Isccr) |
|----------------|-----------------------------------------|-------------------------------------|----------------------------------|-------------------------------|---------------|--------------------------------------|
| PVT1750M       | 750V                                    | 20kA 8/20 $\mu$ s                   | 10, 40                           | 5000V                         | 25 ns Max     | 11kA                                 |
| PVT1750SM      | 750V                                    | 20kA 8/20 $\mu$ s                   | 10, 40                           | 5000V                         | 25 ns Max     | 11kA                                 |
| PVT1500M       | 550V                                    | 20kA 8/20 $\mu$ s                   | 12.5, 50                         | 4000V                         | 25 ns Max     | 11kA                                 |
| PVT1500SM      | 550V                                    | 20kA 8/20 $\mu$ s                   | 12.5, 50                         | 4000V                         | 25 ns Max     | 11kA                                 |

Table 2/2

| Catalog Number | Max Continuous Operating Voltage (Vpdc) | Voltage Protection Rating (VPR) | Nominal Discharge Current (In), UL | Short Circuit Current Rating (SCCR) |
|----------------|-----------------------------------------|---------------------------------|------------------------------------|-------------------------------------|
| PVT1750M       | 750 VDC                                 | 4000V                           | 20kA 8/20 µs                       | 65kA                                |
| PVT1750SM      | 750 VDC                                 | 4000V                           | 20kA 8/20 µs                       | 65kA                                |
| PVT1500M       | 550 VDC                                 | 2500V                           | 20kA 8/20 µs                       | 50kA                                |
| PVT1500SM      | 550 VDC                                 | 2500V                           | 20kA 8/20 µs                       | 50kA                                |

## 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

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Shanghai:

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