

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 (Iscrr)
PVT1750M	750V	20kA 8/20 μ s	10, 40	5000V	25 ns Max	11kA
PVT1750SM	750V	20kA 8/20 μ s	10, 40	5000V	25 ns Max	11kA
PVT1500M	550V	20kA 8/20 μ s	12.5, 50	4000V	25 ns Max	11kA
PVT1500SM	550V	20kA 8/20 μ 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 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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