

SSPD Three Phase, TT



The SSPD series of DIN Rail Surge Protective Devices provide reliable and efficient protection against voltage transients within the IEC Class II environment. Tested and certified to the IEC standard, the SSPD Series provides a range of compact, safe, and high surge rated performance features for the harsh IEC Class II environment and suitable for protection within a wide range of applications.

Additionally, the nVent ERICO SSPD Series sets itself apart from the competition with an innovative and unique technology. Combining the performance of surge protective devices with the utility of splice blocks reduces connections in a panel and thereby increases protection.

FEATURES

Combines the protection of an SPD with the utility of splice blocks

Decreases voltage seen by protected equipment as compared to shunt-style SPD's

Saves DIN Rail space by combining an SPD and splice block into one product

Also includes TD Technology to reduce SPD damage due to TOV events

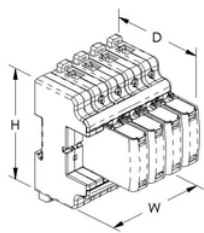
SPECIFICATIONS

Material: Thermoplastic

Catalog Number	SSPDTT3P150	SSPDTT3P480	SSPDTT3P550
Nominal System Voltage (Un)	120 VAC	400 VAC	400 VAC
Max Continuous Operating Voltage (Uc)	150 VAC L-N 305 VAC N-PE	480 VAC L-N 305 VAC N-PE	550 VAC L-N 305 VAC N-PE
Nominal Discharge Current (In), IEC, L-N	20kA 8/20 μ s	20kA 8/20 μ s	20kA 8/20 μ s
Nominal Discharge Current (In), IEC, N-PE	40kA 8/20 μ s	40kA 8/20 μ s	40kA 8/20 μ s
Max Discharge Current (Imax), IEC, L-N	50kA 8/20 μ s	50kA 8/20 μ s	50kA 8/20 μ s
Max Discharge Current (Imax), IEC, N-PE	65kA 8/20 μ s	65kA 8/20 μ s	65kA 8/20 μ s

Catalog Number	SSPDTT3P150	SSPDTT3P480	SSPDTT3P550
Rated Load Current (IL)	63A	63A	63A
Voltage Protection Level (Up), L-N	1250V	2300V	2500V
Voltage Protection Level (Up), N-PE	1500V	1500V	1500V
Short Circuit Current Rating (Iscrr)	50kA	50kA	50kA
Remote Contacts	Yes	Yes	Yes
Response Time	100 ns Max	100 ns Max	100 ns Max
Remote Contact Switching Capacity	1 A @ 250 VAC 1 A @ 125 VAC 0.5 A @ 48 VDC 0.5 A @ 24 VDC 0.5 A @ 12 VDC	1 A @ 250 VAC 1 A @ 125 VAC 0.5 A @ 48 VDC 0.5 A @ 24 VDC 0.5 A @ 12 VDC	1 A @ 250 VAC 1 A @ 125 VAC 0.5 A @ 48 VDC 0.5 A @ 24 VDC 0.5 A @ 12 VDC
Status Indication	Mechanical flag	Mechanical flag	Mechanical flag
Mounting	35 mm DIN Rail, EN 60715	35 mm DIN Rail, EN 60715	35 mm DIN Rail, EN 60715
Connection, Solid	35 mm ² Max	35 mm ² Max	35 mm ² Max
Connection, Stranded	25 mm ² Max	25 mm ² Max	25 mm ² Max
Terminal Torque	4.5 N·m Max	4.5 N·m Max	4.5 N·m Max
Enclosure Rating	IP 20	IP 20	IP 20
Temperature	40 to 70 °C	40 to 70 °C	40 to 70 °C
Altitude	2000 m	2000 m	2000 m
Humidity	5 - 95	5 - 95	5 - 95
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II	EN 61643-11 Type 2 IEC® 61643-11 Class II	EN 61643-11 Type 2 IEC® 61643-11 Class II
Replacement Module	EDT2150M SGT240M	EDT2480M SGT240M	EDT2550M SGT240M
System Compatibility	TN-S TT	TN-S TT	TN-S TT
Unit Weight	0.36 kg	0.36 kg	0.36 kg
Depth (D)	90mm	90mm	90mm
Height (H)	97 mm	97 mm	97 mm
Width (W)	90 mm	90 mm	90 mm

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 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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