

# SSPD Three Phase



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.

## CERTIFICATIONS



## 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

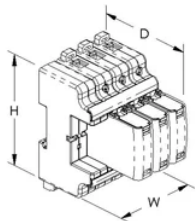
Also includes TD Technology to reduce SPD damage due to TOV events

## SPECIFICATIONS

Catalog Number	SSPDTC3P550
Material	Thermoplastic
Nominal System Voltage (Un)	400 VAC
Max Continuous Operating Voltage (Uc)	550 VAC
Nominal Discharge Current (In), IEC	20kA 8/20 $\mu$ s
Max Discharge Current (Imax), IEC	50kA 8/20 $\mu$ s
Rated Load Current (IL)	63A

Catalog Number	SSPDTC3P550
Voltage Protection Level (Up)	2500V
Short Circuit Current Rating (Isc cr)	50kA
Remote Contacts	Yes
Response Time	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
Status Indication	Mechanical flag
Mounting	35 mm DIN Rail, EN 60715
Connection, Solid	35 mm <sup>2</sup> Max
Connection, Stranded	25 mm <sup>2</sup> Max
Terminal Torque	4.5 N·m Max
Enclosure Rating	IP 20
Temperature	-40 to 70 °C
Altitude	2000 m
Humidity	5 - 95
Complies With	EN 61643-11 Type 2 IEC® 61643-11 Class II
Replacement Module	EDT2550M
System Compatibility	TN-C
Unit Weight	0.28 kg
Depth (D)	90mm
Height (H)	97 mm
Width (W)	73 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](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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