



## SPDN Series

Surge protective devices (SPDs) provide equipment protection from transient overvoltage events lasting micro-seconds. By limiting the overvoltage to the equipment during these events, costly damage and downtime can be mitigated.

The NEMA-style SPDN series for external panel mount is available for 120 V to 480 V nominal voltage sub-distribution board applications.

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Please check all applicable specifications prior to making a product substitution or selection. For special applications or more complete information, visit [Littelfuse.com/SPDN](http://Littelfuse.com/SPDN) or contact us at **1-800-832-3873**.



## SPDN-A and SPDN-B Series

Series/Model	Littelfuse SPDN-A	Littelfuse SPDN-B	Schneider/ASCO 425	Eaton SPC	Mersen STXP	Southern Tier 450	Ilsc0/SSI XE
<b>Surge Current Ratings (per mode)</b>	65 kA	65 kA	50 kA	100 kA	50 kA	25 kA	100 kA
<b>SPD Technology</b>	Pill Stack	Pill Stack	TPMOV	TPMOV	TPMOV	PTMOV	TPMOV
<b>Nominal Discharge Current (8/20)</b>	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
<b>UL 1449 SPD Type</b>	Type 1 or 2	Type 1	Type 1	Type 1 or 2	Type 1	Type 2	Type 1 or Type 2
<b>MCOV (120 V model)</b>	150 V	150 V	150 V	150 V	150 V	150 V	150 V
<b>VPR (L-N 120 V model)</b>	700 V	700 V	700 V	700 V	700 V	700 V	700 V
<b>Modes of Protection</b>	All	All	All	All	All	All	All
<b>SCCR</b>	200 kA	200 kA	200 kA	200 kA	200 kA	200 kA	200 kA
<b>Connection Type</b>	Wired	Wired	Wired	Wired	Wired	Wired	Wired
<b>Encloser Type (standard)</b>	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X
<b>Indicator Lights</b>	1 per phase	1 per phase	1 per phase	1 per phase	2 LEDs per phase	Single	1 per phase
<b>Audible Alarm</b>	Yes	Yes	Yes	Optional	Yes	No	Optional
<b>Form C Dry Contacts</b>	Yes	Yes	Yes	Optional	Yes	Yes	Optional
<b>EMI/RFI Filtering</b>	Optional	No	No	Optional	No	Yes	Optional
<b>Ground Reference Monitoring</b>	N-G Voltage > 20 V Detected	No	No	No	No	No	No



## SPDN-C and SPDN-D Series

Series/Model	Littelfuse SPDN-C	Littelfuse SPDN-D	Schneider/ASCO 420	Mersen STXR	Ilsc0/SSI SE	Citel M50
<b>Surge Current Ratings (per mode)</b>	50 kA	50 kA	50 kA	50 kA	100 kA	50 kA
<b>SPD Technology</b>	Pill Stack	Pill Stack	TPMOV	TPMOV	TPMOV	TMOV + GSG
<b>Nominal Discharge Current (8/20)</b>	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
<b>UL 1449 SPD Type</b>	Type 1	Type 1	Type 1	Type 1	Type 1 or Type 2	Type 1 or Type 2
<b>MCOV (120 V model)</b>	150 V	150 V	150 V	150 V	150 V	150 V
<b>VPR (L-N 120 V model)</b>	600 V	600 V	600 V	700 V	700 V	700 V
<b>Modes of Protection</b>	Reduced	Reduced	Reduced	Reduced	Reduced	Reduced
<b>SCCR</b>	200 kA	200 kA	200 kA	200 kA	200 kA	200 kA
<b>Connection Type</b>	Wired	Wired	Wired	Wired	Wired	Wired
<b>Encloser Type (standard)</b>	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 6
<b>Indicator Lights</b>	1 per phase	1 per phase	Single	Single	Single	1 per phase
<b>Audible Alarm</b>	Yes	No	Yes	Optional	Optional	Yes
<b>Form C Dry Contacts</b>	Yes	No	Yes	Optional	Optional	No
<b>EMI/RFI Filtering</b>	No	No	No	No	Optional	Optional

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