

VZCA7.E320116 - Surge-protective Devices Certified for Canada

Surge-protective Devices Certified for Canada

LITTELFUSE INC

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E320116

| Cat. No. | SPD Type | Volts (V) | AC/DC/ DC PV | PH | AMPS (A) | AMB Min (°C) | AMB Max (°C) | MODE | VPR (Vpk) | MCOV (V) | In (kA) | SCCR (kA) |
|--|----------|-----------|--------------|----|----------|--------------|--------------|--------------------------|------------------------------|--------------------------|---------|-----------|
| Investigated to CSA C22.2 No. 269 | | | | | | | | | | | | |
| Permanently Connected | | | | | | | | | | | | |
| SPDN-A120-1P [a] | 2 | 120 | AC | 1 | n/a | -40 | 85 | L-N L-G N-G | 700 700 700 | 180 180 180 | 20 | 200 |
| SPDN-A120-2S [a] | 2 | 240/120 | AC | 1S | n/a | -40 | 85 | L-L L-N L-G N-G | 1200 700 700 700 | 360 180 180 180 | 20 | 200 |
| SPDN-A120-3Y [a] | 2 | 208/120 | AC | 3Y | n/a | -40 | 85 | L-L L-N L-G N-G | 1200 700 700 600 | 300 150 150 150 | 20 | 200 |
| SPDN-A240-1P [a] | 2 | 240 | AC | 1 | n/a | -40 | 85 | L-N L-G N-G | 1200 1200 1200 | 350 350 350 | 20 | 200 |
| SPDN-A240-3D [a] | 2 | 240 | AC | 3D | n/a | -40 | 85 | L-L L-G | 1200 1000 | 275 275 | 20 | 200 |
| SPDN-A277-3Y [a] | 2 | 480/277 | AC | 3Y | n/a | -40 | 85 | L-L L-N L-G N-G | 2500 1200 1200 1200 | 700 350 350 350 | 20 | 200 |
| SPDN-A480-3D [a] | 2 | 480 | AC | 3D | n/a | -40 | 85 | L-L L-G | 1800 1800 | 550 550 | 20 | 200 |
| SPDN-B120-1P [a] | 1 | 120 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 700 700 600 | 180 180 180 | 20 | 200 |
| SPDN-B120-2S [a] | 1 | 240/120 | AC | 1S | n/a | -35 | 85 | L-L L-N L-G N-G | 1200 700 700 600 | 360 180 180 180 | 20 | 200 |

| | | | | | | | | | | | | |
|-------------------------|---|---------|----|----|-----|-----|----|--------------------------|------------------------------|--------------------------|----|-----|
| SPDN-B120-3Y [a] | 1 | 208/120 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 1000 600 700 500 | 300 150 150 150 | 20 | 200 |
| SPDN-B240-1P [a] | 1 | 240 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 1200 1000 1000 | 350 350 350 | 20 | 200 |
| SPDN-B240-3D [a] | 1 | 240 | AC | 3D | n/a | -35 | 85 | L-L L-G | 1200 1000 | 275 275 | 20 | 200 |
| SPDN-B277-3Y [a] | 1 | 480/277 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 2000 1200 1000 1000 | 700 350 350 350 | 20 | 200 |
| SPDN-B480-3D [a] | 1 | 480 | AC | 3D | n/a | -35 | 85 | L-L L-G | 1800 1800 | 550 550 | 20 | 200 |
| SPDN-C120-1P [a] | 1 | 120 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 700 1200 600 | 180 180 180 | 20 | 200 |
| SPDN-C120-2S [a] | 1 | 240/120 | AC | 1S | n/a | -35 | 85 | L-L L-N L-G N-G | 1200 700 1200 600 | 360 180 180 180 | 20 | 200 |
| SPDN-C120-3Y [a] | 1 | 208/120 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 1000 600 1000 600 | 300 150 150 150 | 20 | 200 |
| SPDN-C240-1P [a] | 1 | 240 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 1200 2500 1000 | 350 350 350 | 20 | 200 |
| SPDN-C240-3D [a] | 1 | 240 | AC | 3D | n/a | -35 | 85 | L-L L-G | 1200 1200 | 275 275 | 20 | 200 |
| SPDN-C277-3Y [a] | 1 | 480/277 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 2000 1200 2500 1000 | 700 350 350 350 | 20 | 200 |
| SPDN-C480-3D [a] | 1 | 480 | AC | 3D | n/a | -35 | 85 | L-L L-G | 1800 1800 | 550 550 | 20 | 200 |
| SPDN-D120-1P [a] | 1 | 120 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 700 1200 600 | 180 180 180 | 20 | 200 |
| SPDN-D120-2S [a] | 1 | 240/120 | AC | 1S | n/a | -35 | 85 | L-L L-N L-G N-G | 1200 700 1200 600 | 360 180 180 180 | 20 | 200 |

| | | | | | | | | | | | | |
|-------------------------|---|---------|----|----|-----|-----|----|--------------------------|------------------------------|--------------------------|----|-----|
| SPDN-D120-3Y [a] | 1 | 208/120 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 1000 600 1000 600 | 300 150 150 150 | 20 | 200 |
| SPDN-D240-1P [a] | 1 | 240 | AC | 1 | n/a | -35 | 85 | L-N L-G N-G | 1200 2000 1200 | 350 350 350 | 20 | 200 |
| SPDN-D240-2S [a] | 1 | 480/240 | AC | 1S | n/a | -35 | 85 | L-L L-N L-G N-G | 2000 1200 2000 1200 | 700 350 350 350 | 20 | 200 |
| SPDN-D277-3Y [a] | 1 | 480/277 | AC | 3Y | n/a | -35 | 85 | L-L L-N L-G N-G | 2000 1200 2000 1200 | 700 350 350 350 | 20 | 200 |

These products are intended for installation on the line side (Type 1 SPD) or load side (Type 1, 2 or 3 SPDs) of the main service disconnect in circuits not exceeding 1000 V rms, and have been tested to verify that the transient-voltage surges are limited to the maximum amplitudes specified in the Voltage Protection Rating (VPR).

SPDs investigated for Type 1 applications are automatically suitable for Type 2 applications and may be marked for SPD Type 1 and/or Type 2 applications. SPDs only marked "SPD Type 2" are not suitable for Type 1 applications.

The effect of the surge-protective device on connected loads, the effect of the protector on harmonic distortion of the supply voltage, and the adequacy of the Voltage Protection Rating to protect connected equipment from damage from transient-voltage surges has not been determined.

SPDs investigated for Type 1 applications are automatically suitable for Type 2 applications and may be marked for SPD Type 1 and/or Type 2 applications. SPDs only marked "SPD Type 2" are not suitable for Type 1 applications.

Where a minimum ambient temperature is not specified, assume 0°C unless the product is marked otherwise or with an Outdoor use Environmental Rating. See Electrical Equipment for Use in Ordinary Locations (AALZ) for details regarding Environmental Ratings.

% - Complementary Listed as EMI filters under E316468.

Note - All models may be followed by additional suffixes.

[a] - Complementary Listed as EMI Filters under FOKY, FOKY7.

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