

Surge-protective Devices - Component

COMPANY

MEAN WELL ENTERPRISES CO., LTD.

No 28 Wuquan 3rd Rd
 Wugu District
 New Taipei City, 24891 Taiwan

E353892

Cat. No.	SPD Type	Volts (V)	AC/DC/ DC PV	AC/DC/ PH	AMPS (A)	AMB		VPR MODE	MLV (Vpk)	MCOV (V)	Vn (Vdc)	in (kA)	SCCR (kA)	Notes	
						Min (°C)	Max (°C)								
SPD-10S-277S	4CA	277	AC	1	3.5	-40	80	L-N	-	1260	320	N/A	5	N/A	2,4
								L-G	-	1260	320	N/A			
								N-G	-	1300	320	N/A			
SPD-20-240P	2CA	240	AC	1	n/a	-40	85	L-N	1500	-	300	-	5	5	2,4
								L-G	1500	-	300	-			
								N-G	1200	-	300	-			
SPD-20-277P	2CA	277	AC	1	n/a	-40	85	L-N	1500	-	320	-	5	5	2,4
								L-G	1500	-	320	-			
								N-G	1200	-	320	-			
SPD-20HP-277S	4CA	277	AC	1	5	-40	75	L-N	-	810	320	n/a	10	N/A	2,4
								L-G	-	1560	320	n/a			
								N-G	-	1570	320	n/a			
SPD-20HP-480S	4CA	480	AC	1	5	-40	75	L-N	-	1040	510	N/A	10	N/A	2,4
								L-G	-	1560	510	N/A			
								N-G	-	1570	510	N/A			

Notes:

1. Suitable for Factory wiring only.
2. Suitable for Field and Factory wiring.
3. Series External Impedance required, see Electrical Ratings in the Recognition report.
4. Series External Overcurrent Protection required, see Electrical Ratings in the Recognition report.
5. Body of discrete component metal-oxide varistors (MOVs) flammability:
 - a) Min. V-0 or VTM-0.
 - b) Min. V-1 or VTM-1.
 - c) Complies with IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2 needle flame testing requirements.
 - d) Complies with IEC 60065, Edition 7.2, Annex G.1.1 needle flame testing requirements.
6. Complies with Stress Test Qualification per AEC-Q200 Rev D.
7. Suitable for Damp Location use:

- a) 85C/85% relative humidity
- b) 40C/93% relative humidity

Note - Each model may be suffixed by X, where X may be blank, A thru Z or from 0 thru 9.

Marking: Company name and model designation and the Recognized Component Mark, .

Last Updated on 2024-10-29

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Surge-protective Devices Certified for Canada - Component

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Cat. No.	Type	SPD Volts (V)	AC/DC/ DC PV	AMPS PH	AMB		VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	in (kA)	SCCR (kA)	Notes
					Min (°C)	Max (°C)							

Investigated to CSA C22.2 No. 269															
SPD-20-240P	4-2	240	AC	1	n/a	-40	85	L-N	1500	-	300	-	5	5	2,4
								L-G	1500	-	300	-			
								N-G	1200	-	300	-			
SPD-20-277P	4-2	277	AC	1	n/a	-40	85	L-N	1500	-	320	-	5	5	2,4
								L-G	1500	-	320	-			
								N-G	1200	-	320	-			
SPD-20H-277S	4CA	120	AC	1	5	-40	75	L-N	-	810	320	n/a	10	N/A	2,4
								L-G	-	1560	320	n/a			
								N-G	-	1570	320	n/a			
	4CA	127	AC	1	5	-40	75	L-N	-	810	320	n/a	10	N/A	2,4
								L-G	-	1560	320	n/a			
								N-G	-	1570	320	n/a			
	4CA	240	AC	1	5	-40	75	L-N	-	810	320	n/a	10	N/A	2,4
								L-G	-	1560	320	n/a			
								N-G	-	1570	320	n/a			
	4CA	277	AC	1	5	-40	75	L-N	-	810	320	n/a	10	N/A	2,4
								L-G	-	1560	320	n/a			
								N-G	-	1570	320	n/a			
SPD-20H-480S	4CA	347	AC	1	5	-40	75	L-N	-	1040	510	N/A	10	N/A	2,4
								L-G	-	1560	510	N/A			
								N-G	-	1570	510	N/A			
	4CA	480	AC	1	5	-40	75	L-N	-	1040	510	N/A	10	N/A	2,4
								L-G	-	1560	510	N/A			
								N-G	-	1570	510	N/A			

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