



## VZCA2.E498596 Surge-protective Devices - Component

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[See General Information for Surge-protective Devices - Component](#)

#### SHANGHAI BOARDEN INDUSTRIAL CO LTD

E498596

RM.B177 BUILDING 3 NO.16393 PUWEI RD SHANYANG TOWN JINSHAN DISTRICT  
200000 SHANGHAI, CHINA

Cat No.	SPD Type	Volts (V)	AC/DC/DC PV	PH	AMPS (A)	AMB (°C) Min	AMB (°C) Max	MODE	VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	In (kA)	SCCR (kA)	NOTES
CMS0806V241P101	5	130	AC	1	N/A	-40	85	Ld-Ld	-	460	150	240	0.1	N/A	1
CMS0806V271P151	5	150	AC	1	N/A	-40	85	Ld-Ld	-	520	175	270	0.1	N/A	1
CMS0806V431P500	5	240	AC	1	N/A	-40	85	Ld-Ld	-	760	275	430	0.05	N/A	1
CMS1206V241P201	5	130	AC	1	N/A	-40	85	Ld-Ld	-	480	150	240	0.15	N/A	1
CMS1206V271P201	5	150	AC	1	N/A	-40	85	Ld-Ld	-	520	175	270	0.15	N/A	1
CMS1206V431P101	5	240	AC	1	N/A	-40	85	Ld-Ld	-	760	275	430	0.1	N/A	1
CMS1206V471P101	5	260	AC	1	N/A	-40	85	Ld-Ld	-	800	300	470	0.1	N/A	1
CMS1210V241P601	5	130	AC	1	N/A	-40	85	Ld-Ld	-	480	150	240	0.25	N/A	1
CMS1210V271P601	5	150	AC	1	N/A	-40	85	Ld-Ld	-	520	175	270	0.25	N/A	1
CMS1210V431P201	5	240	AC	1	N/A	-40	85	Ld-Ld	-	830	275	430	0.15	N/A	1
CMS1210V471P201	5	260	AC	1	N/A	-40	85	Ld-Ld	-	870	300	470	0.15	N/A	1
CMS1210V511P201	5	275	AC	1	N/A	-40	85	Ld-Ld	-	920	320	510	0.1	N/A	1
CMS1812V241P801	5	130	AC	1	N/A	-40	85	Ld-Ld	-	460	150	240	0.5	N/A	1
CMS1812V271P801	5	150	AC	1	N/A	-40	85	Ld-Ld	-	510	175	270	0.5	N/A	1
CMS1812V431P401	5	240	AC	1	N/A	-40	85	Ld-Ld	-	830	275	430	0.25	N/A	1
CMS1812V471P401	5	260	AC	1	N/A	-40	85	Ld-Ld	-	870	300	470	0.25	N/A	1
CMS1812V511P401	5	275	AC	1	N/A	-40	85	Ld-Ld	-	890	320	510	0.15	N/A	1

#### Notes:

- Suitable for Factory wiring only.
- Suitable for Field and Factory wiring.
- Series External Impedance required, see Electrical Ratings in the Recognition report.
- Series External Overcurrent Protection required, see Electrical Ratings in the Recognition report.
- Body of discrete component metal-oxide varistors (MOVs) flammability:
  - Min. V-0 or VTM-0.
  - Min. V-1 or VTM-1.
  - Complies with IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2 needle flame testing requirements.
  - Complies with IEC 60065, Edition 7.2, Annex G.1.1 needle flame testing requirements.

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.

Marking: Company name, model designation and the Recognized Component Mark,  on the product or on the smallest unit container in which the product is packaged.

[Last Updated](#) on 2018-02-13

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