



SURGE PROTECTION DEVICE TYPE 2 FOR PHOTOVOLTAIC APPLICATIONS WITH PLUG-IN CARTRIDGE, UCPV 1500VDC, +, -, PE. WITHOUT REMOTE CONTACT



Product type designation Device (SPD) Product type designation SE2DG Operating voltage type DC Application PV Number of DIN modules 3 Electrical features VDC 1500 Maximum continuous voltage DC V 1520 Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5 Tripping time ta (L-N/N-PE) ns <25 Thermal insulation protection YES Backup protection fuse (IEC) with Isc >100A Class/A 125A gR/gPV Maximum short circuit current Iscpv kA 1				
Operating voltage type DC Application PV Number of DIN modules 3 Electrical features Telectrical features Rated operational voltage DC VDC 1500 Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5	Product designation			Surge Protection Device (SPD)
Application PV Number of DIN modules 3 Electrical features Feated operational voltage DC VDC 1500 Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5	Product type designation			SE2DG
Number of DIN modules 3 Electrical features	Operating voltage type			DC
Electrical features Rated operational voltage DC VDC 1500 Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5	Application			PV
Rated operational voltage DC VDC 1500 Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5	Number of DIN modules			3
Maximum continuous voltage Ucpv V 1520 IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) kA 20 IEC Voltage protection level Up (L-N/N-PE) kV <6.5	Electrical features			
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) IEC Voltage protection level Up (L-N/N-PE) IEC Voltage protection level Up (L-N/N-PE) IRIT Voltage p	Rated operational voltage DC		VDC	1500
IEC Voltage protection level Up (L-N/N-PE) Tripping time ta (L-N/N-PE) Thermal insulation protection Backup protection fuse (IEC) with Isc >100A Maximum short circuit current Iscpv KA Status indicator - operating / end of life Ambient conditions Operating temperature Max altitude Max altitude Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) RVES Class/A 125A gR/gPV KA 1 Frontal indication Frontal indication C -40 max °C +80 Din rail Conductor section Flexible max (IEC)	Maximum continuous voltage Ucpv		V	1520
Tripping time ta (L-N/N-PE) ns <25 Thermal insulation protection YES Backup protection fuse (IEC) with Isc >100A Class/A 125A gR/gPV Maximum short circuit current Iscpv kA 1 Status indicator - operating / end of life Frontal indication Ambient conditions Frontal indication Operating temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Din rail Fixing Din rail Conductor section Flexible max (IEC) mm² 25	IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
Thermal insulation protection Backup protection fuse (IEC) with Isc >100A Class/A 125A gR/gPV Maximum short circuit current Iscpv kA 1 Status indicator - operating / end of life Ambient conditions Operating temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Fixing Conductor section Flexible max (IEC) Tiss A 125A gR/gPV RA 1 Class/A 125A gR/gPV RA 1 Frontal indication of the conditions Din rail Din rail	IEC Voltage protection level Up (L-N/N-PE)		kV	<6.5
Backup protection fuse (IEC) with Isc >100A Maximum short circuit current Iscpv Status indicator - operating / end of life Ambient conditions Operating temperature Max altitude Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Class/A 125A gR/gPV KA 1 Frontal indication Frontal indication C -40 max °C +80 Din rail Din rail	Tripping time ta (L-N/N-PE)		ns	<25
Maximum short circuit current Iscpv Status indicator - operating / end of life Ambient conditions Operating temperature min °C -40 max °C +80 Max altitude Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) KA 1 Frontal indication C -40 max °C +80 Din rail Din rail Conductor section Flexible max (IEC)	Thermal insulation protection			YES
Status indicator - operating / end of life Ambient conditions Operating temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Fixing Conductor section Flexible max (IEC) Frontal indicator min °C -40 max °C +80 Din rail Din rail	Backup protection fuse (IEC) with Isc >100A		Class/A	125A gR/gPV
Ambient conditions Operating temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features Eixing Conductor section Flexible max (IEC) mm² 25	Maximum short circuit current Iscpv		kA	1
Max altitude min max °C max +80 Mechanical features m 2000 Fixing Din rail Conductor section Flexible max (IEC) mm² 25	Status indicator - operating / end of life			Frontal indication
min max °C +40 cmax Max altitude m 2000 Mechanical features Exing Din rail Conductor section Flexible max (IEC) mm² 25	Ambient conditions			
Max altitude max °C +80 Mechanical features m 2000 Fixing Din rail Conductor section Flexible max (IEC) mm² 25	Operating temperature			
Max altitude m 2000 Mechanical features Fixing Din rail Conductor section Flexible max (IEC) mm² 25		min	°C	-40
Mechanical features Fixing Din rail Conductor section Flexible max (IEC) mm² 25		max	°C	+80
Fixing Din rail Conductor section Flexible max (IEC) mm² 25	Max altitude		m	2000
Conductor section Flexible max (IEC) mm² 25	Mechanical features			
	Fixing			Din rail
Conductor section Rigid max (IEC) mm ² 35	Conductor section Flexible max (IEC)		mm²	25
	Conductor section Rigid max (IEC)		mm²	35
Weight g 387	Weight		g	387
Dimensions				

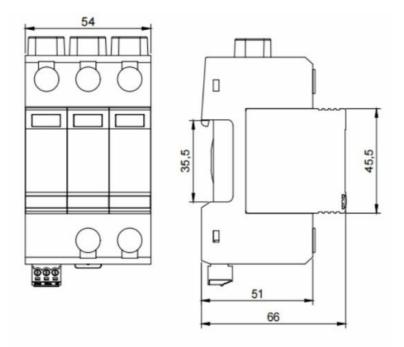




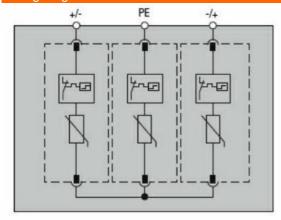
ENERGY AND AUTOMATION

SURGE PROTECTION DEVICE TYPE 2 FOR PHOTOVOLTAIC APPLICATIONS WITH PLUG-IN

CARTRIDGE, UCPV 1500VDC, +, -, PE. WITHOUT REMOTE CONTACT



Wiring diagrams



Certifications and compliance

Certificates

CE

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems