



## SURGE PROTECTION DEVICE TYPE 2 FOR PHOTOVOLTAIC APPLICATIONS WITH PLUG-IN CARTRIDGE, UCPV 1000VDC, +, -, PE. WITH REMOTE CONTACT



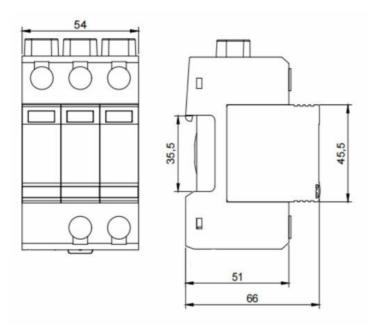
Product designation			Surge Protection
-			Device (SPD)
Product type designation			SE2DG
Operating voltage type			DC
Application			PV
Number of DIN modules			3
Relay output			Yes
Electrical features			
Rated operational voltage DC		VDC	1000
Maximum continuous voltage Ucpv		V	1060
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<4.2
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
			/ Aux contact
Ambient conditions			
Operating temperature			
Operating temperature			
Operating temperature	min	°C	-40
	min max	°C °C	+80
Max altitude			
Max altitude  Mechanical features		°C	+80 2000
Max altitude  Mechanical features  Fixing		°C m	+80 2000 Din rail
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)		°C m mm²	+80 2000 Din rail 25
Max altitude  Mechanical features  Fixing		°C m	+80 2000 Din rail 25 35
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight		°C m mm²	+80 2000 Din rail 25
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)		°C m mm² mm²	+80 2000 Din rail 25 35
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight		°C m mm² mm²	+80 2000 Din rail 25 35
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	max 125V AC	°C m mm² mm²	+80 2000 Din rail 25 35 359
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	max	°C m mm² mm² g	+80 2000 Din rail 25 35 359
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	125V AC 250V AC 12V DC	°C m mm² mm² g	+80 2000 Din rail 25 35 359
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	125V AC 250V AC	°C m mm² mm² g	+80 2000 Din rail 25 35 359 0.5 0.5 0.5
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	125V AC 250V AC 12V DC 24V DC 48V DC	°C m mm² mm² g	+80 2000 Din rail 25 35 359 0.5 0.5 0.5 0.5 0.5
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	125V AC 250V AC 12V DC 24V DC 48V DC 125V DC	°C m mm² mm² g	+80 2000 Din rail 25 35 359 0.5 0.5 0.5 0.5 0.5 0.5
Max altitude  Mechanical features  Fixing  Conductor section Flexible max (IEC)  Conductor section Rigid max (IEC)  Weight  Relay output for remote status indication	125V AC 250V AC 12V DC 24V DC 48V DC	°C m mm² mm² g A A A A A	+80 2000 Din rail 25 35 359 0.5 0.5 0.5 0.5 0.5



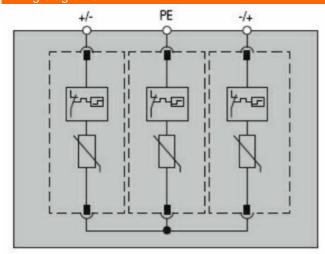


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## Wiring diagrams



## Certifications and compliance

Certificates

CE

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems