SG13PA480RUL

SURGE PROTECTION DEVICE TYPE 1 AND 2, WITH PLUG-IN CARTRIDGE TYPE 1CA/OPEN-TYPE 1, IN 20KA, UC 480VAC, UL-CERTIFIED

Product designation			Surge Protection Device (SPD)
Product type designation			SG1
Operating voltage type			AC
Application			AC Power lines
Number of poles			3P
Number of DIN modules			3
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	480
IEC Impulse current Iimp 10/350 (L-N/N-PE)		kA	10
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	50
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<2.1
Tripping time ta (L-N/N-PE)		ns	<25
Thermal insulation protection			YES
IEC Backup protection fuse with supply fuse >250A (L-N/N-PE)		Class/A	315A gL/gG
IEC Maximum short circuit current at 50Hz		kA	50
Status indicator - operating / end of life			Frontal indication/Aux contact
Ambient conditions			
Operating temperature			
	min	°C	-40
	max	°C	+80
Max altitude		m	2000
Mechanical features			
Fixing			Din rail
Conductor section Flexible max (IEC)		mm²	25
Conductor section Rigid max (IEC)		mm²	35
Weight		g	574
Relay output for remote status indication			
Type of contact			CO
Rated current at			
	125V AC	A	3
	250V AC	A	0.5
	125V DC	A	0.2
	250V DC	A	0.1
Dimensions			

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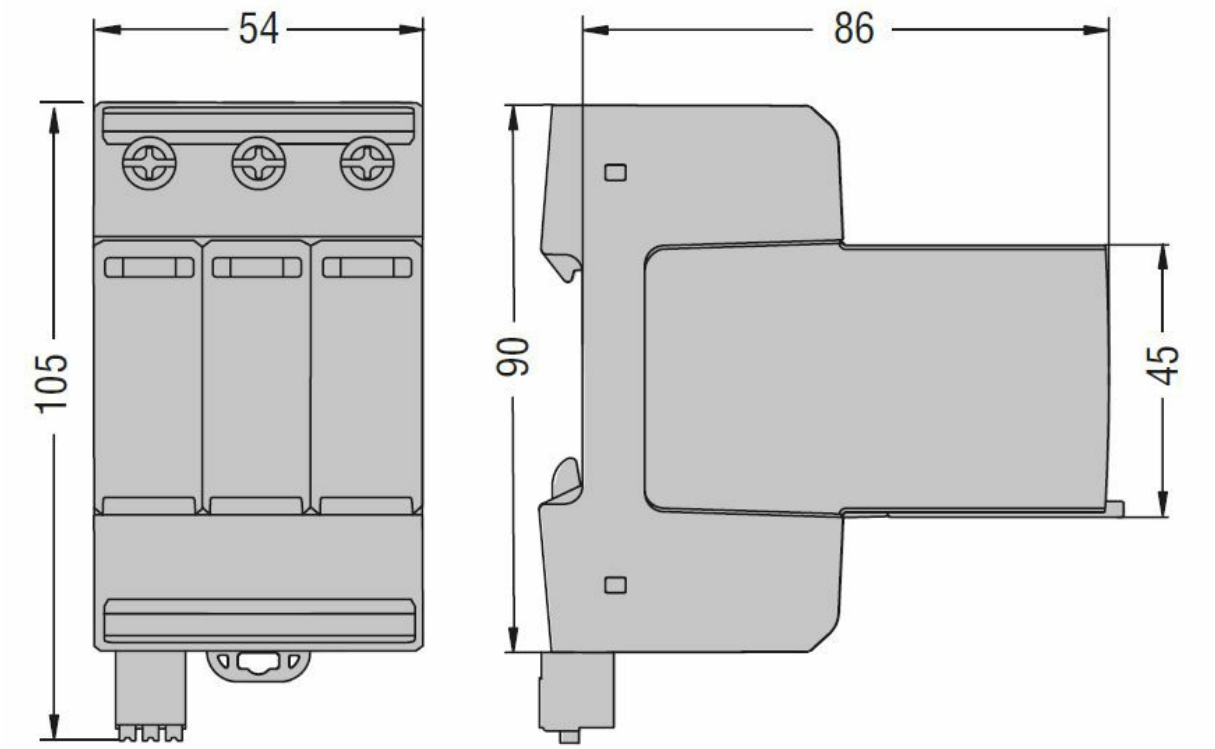
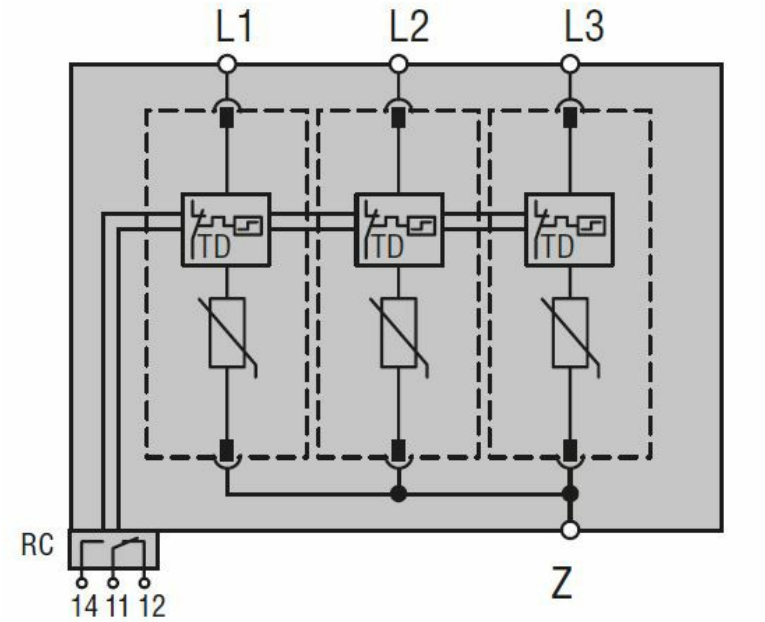


Wiring diagrams



Certifications and compliance

Compliance

	IEC/EN/BS 61643-11
	UL1449

Certificates

	cULus

ETIM classification

ETIM 8.0	EC000941 - Surge protection device for power supply systems