ENERGY AND AUTOMATION

electric SURGE PROTECTION DEVICE TYPE 1 AND 2, WITH PLUG-IN CARTRIDGE TYPE 1CA/OPENTYPE 1, IN 20KA, UC 350VAC, UL-CERTIFIED

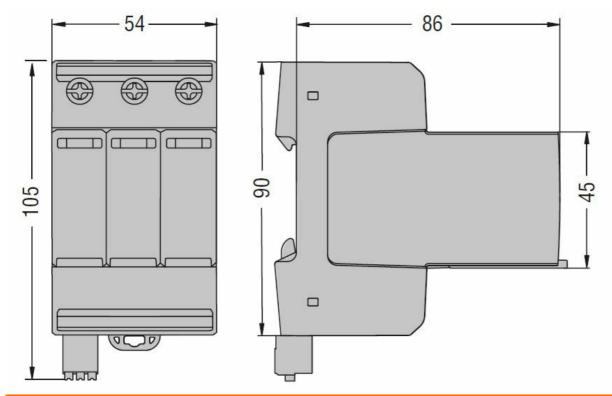


Product designation			Surge Protection Device (SPD)
Product type designation			SG1 Č
Operating voltage type			AC
Application			AC Power lines
Number of poles			3P
Number of DIN modules			3
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	350
IEC Impulse current limp 10/350 (L-N/N-PE)		kA	12.5
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	<1.75
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
And blood and Piling			contact
Ambient conditions			
Operating temperature		°C	40
	min	°C	-40
Mayakituda	max		+80
Max altitude Mechanical features		m	2000
Fixing Conductor paction Flovible may (IFC)			Din roil
Conductor section Flexible max (IEC)		mana ²	Din rail
Conductor acation Digid may (IEC)		mm²	25
Conductor section Rigid max (IEC)		mm²	25 35
Weight			25
Weight Relay output for remote status indication		mm²	25 35 565
Weight Relay output for remote status indication Type of contact		mm²	25 35
Weight Relay output for remote status indication	1251/ AC	mm² g	25 35 565 CO
Weight Relay output for remote status indication Type of contact	125V AC	mm² g	25 35 565 CO
Weight Relay output for remote status indication Type of contact	250V AC	mm² g A A	25 35 565 CO 3 0.5
Weight Relay output for remote status indication Type of contact	250V AC 125V DC	mm² g A A A	25 35 565 CO 3 0.5 0.2
Weight Relay output for remote status indication Type of contact	250V AC	mm² g A A	25 35 565 CO 3 0.5

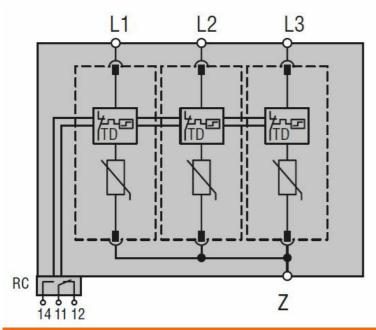
ENERGY AND AUTOMATION

electric SURGE PROTECTION DEVICE TYPE 1 AND 2, WITH PLUG-IN CARTRIDGE TYPE 1CA/OPEN-

TYPE 1, IN 20KA, UC 350VAC, UL-CERTIFIED



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