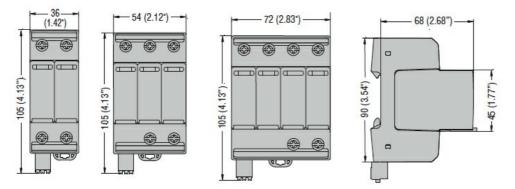




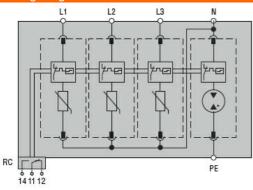
Product designation			Surge Protection Device (SPD)
Product type designation			SG2
Operating voltage type			AC
Application			AC Power lines
Number of poles			3P+N
Number of DIN modules			4
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			0
IEC Maximum continuous voltage Uc		V	300
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	50 / 65
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.5 / <1.5
IEC Follow current If (N-PE) rms		Α	100
Tripping time ta (L-N/N-PE)		ns	<25 / 100
Thermal insulation protection			YES
IEC Backup protection fuse with supply fuse >315A (L-N/N-PE)		Class/A	315A / 250A Gg
IEC Maximum short circuit current at 50Hz		kA	25 / 50
			Frontal
Status indicator - operating / end of life			indication/Aux
			contact
A CONTRACTOR OF THE PROPERTY O			
Ambient conditions			
Ambient conditions Operating temperature			
	min	°C	-40
Operating temperature	min max	°C	+85
Operating temperature Max altitude			
Operating temperature		°C	+85 2000
Operating temperature Max altitude Mechanical features Fixing		°C m	+85 2000 Din rail
Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC)		°C m mm²	+85 2000 Din rail 25
Operating temperature Max altitude Mechanical features Fixing		°C m	+85 2000 Din rail
Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC)		°C m mm²	+85 2000 Din rail 25
Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC)		°C m mm² mm²	+85 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	+85 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	+85 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	125V AC 250V AC	°C m mm² mm² g	+85 2000 Din rail 25 35 486
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	+85 2000 Din rail 25 35 486
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	°C m mm² mm² g	+85 2000 Din rail 25 35 486
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	+85 2000 Din rail 25 35 486



ENERGY AND AUTOMATION



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems