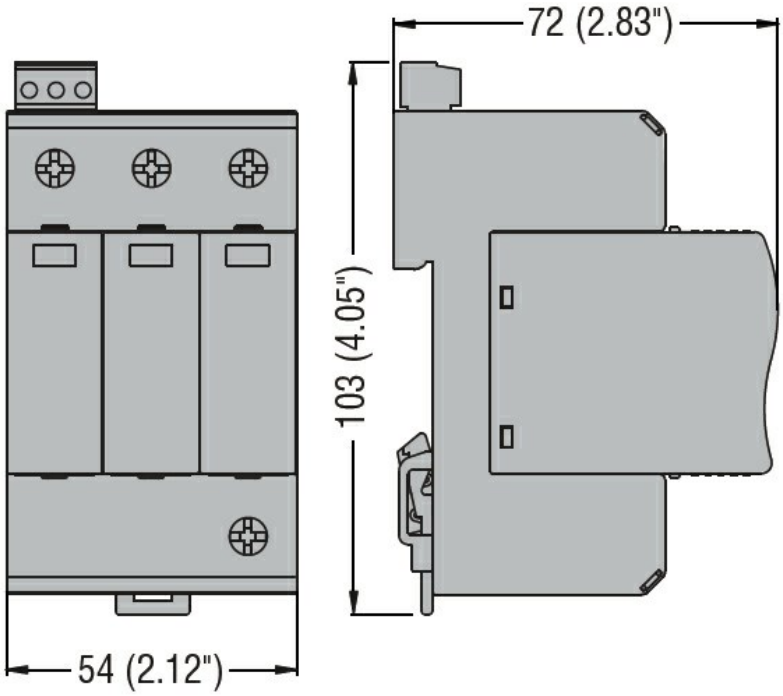
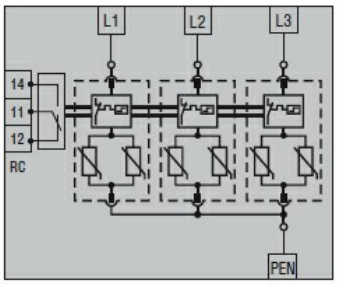
SA03PA320R

ÜBERSPANNUNGSABLEITER MONOBLOCK TYPE 1-2-3, 3P

Product designation			Surge Protection Device (SPD)
Product type designation			SA0
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	300
IEC Impulse current Iimp 10/350 (L-N/N-PE)		kA	12.5
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	40
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
Temporary overvoltage (TOV) withstand Ut (L-N for 5s)		V	335
IEC Follow current If (N-PE) rms		A	No
Tripping time ta (L-N/N-PE)		ns	<25
Thermal insulation protection			YES
IEC Backup protection fuse with supply fuse >160A (L-N/N-PE)		Class/A	160 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	540
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			



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