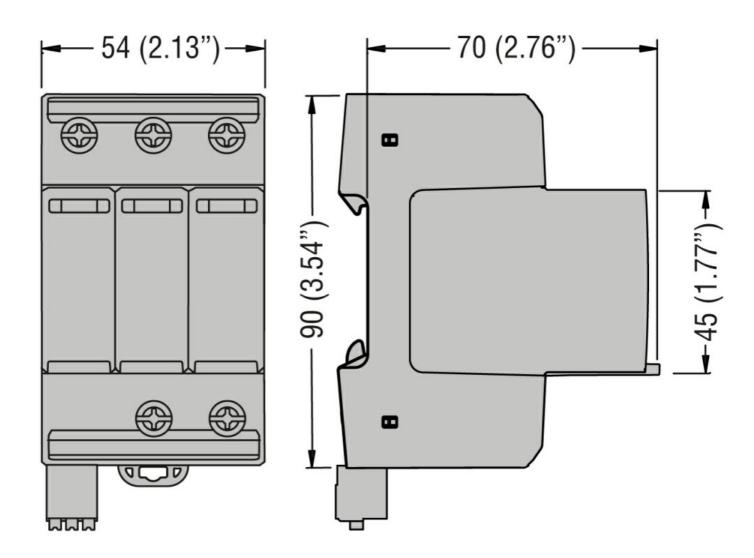


SURGE PROTECTION DEVICE TYPE 1 AND 2 WITH PLUG-IN CARTRIDGE, IEC IMPULSE CURRENT IIMP (10/350MS) 12.5KA PER POLE, 3P. WITH REMOTE CONTACT

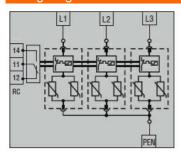


Product designation			Surge Protection
-			Device (SPD)
Product type designation			SA0 AC
Operating voltage type Application			AC Power lines
• •			3P
Number of poles Number of DIN modules			3
			Yes
Relay output SPD according to IEC/EN 61643-11			YES
Electrical features			150
		V	200
IEC Maximum continuous voltage Uc			300
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	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		Α	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
			Frontal
Status indicator - operating / end of life			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	Α	3
	250V AC	Α	0.5
	125V DC	Α	0.2
	250V DC	Α	0.1
Dimensions			





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

ETIM classification



SA03PA320R

SURGE PROTECTION DEVICE TYPE 1 AND 2 WITH PLUG-IN CARTRIDGE, IEC IMPULSE CURRENT IIMP (10/350MS) 12.5KA PER POLE, 3P. WITH REMOTE CONTACT

ETIM 8.0

EC000941 -Surge protection device for power supply systems