SA1B3NA320R

SURGE PROTECTION DEVICE TYPE 1 AND 2 MONOBLOCK, IEC IMPULSE CURRENT IIMP (10/350MS) 25KA PER POLE, 3P+N. WITH CONTACT REMOTE

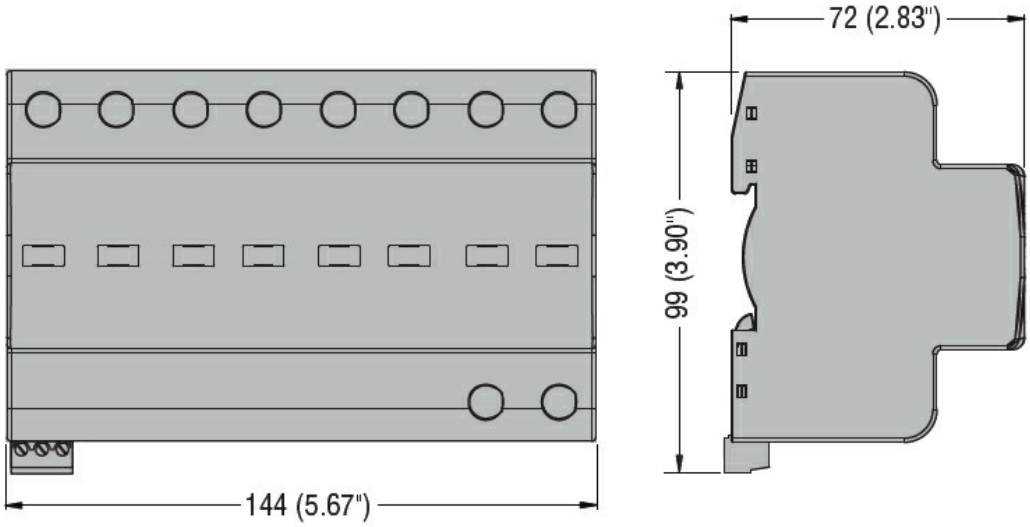


Product designation			Surge protection device (SPD)
Product type designation			SA1B
Operating voltage type			AC
Application			AC Power lines
Number of poles			3P+N
Number of DIN modules			8
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	320
IEC Impulse current Iimp 10/350 (L-N/N-PE)		kA	25 / 100
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	100 / 100
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	25 / 100
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.4 / <1.5
Temporary overvoltage (TOV) resistance Ut (L-N for 5s)		V	335
IEC Residual voltage Ures (L-N/N-PE) at 5kA (8/20)		kV	1.1
IEC Follow current If (N-PE) rms		A	>100
Tripping time ta (L-N/N-PE)		ns	<25 / 100
Thermal insulation protection			YES
IEC Backup protection fuse with supply line fuse >250A (L-N/N-PE)		Class/A	250A 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	760
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			

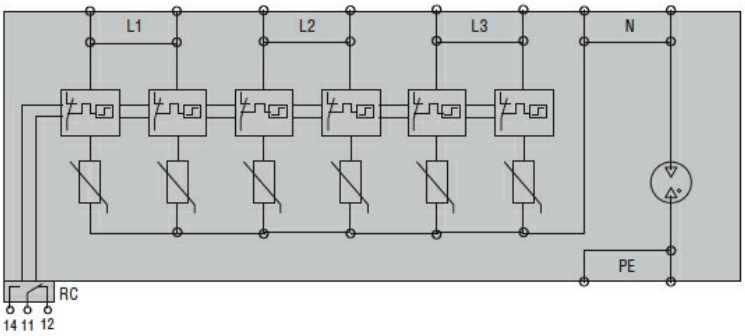
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Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

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