



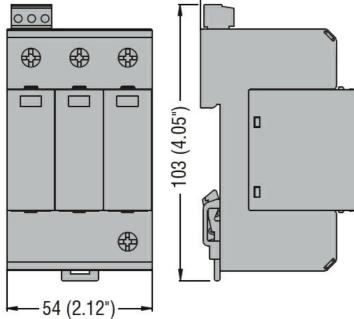
			Surge Protection
Product designation			Device (SPD)
Product type designation			SA0
Operating voltage type			AC
Application			AC Power lines
Number of poles			3P
Number of DIN modules			3
Relay output			Yes
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	300
IEC Impulse current 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		А	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
Ambient conditions			indication/Aux
			indication/Aux contact
Ambient conditions	min	°C	indication/Aux contact -40
Ambient conditions Operating temperature	min max	°C	indication/Aux contact -40 +80
Ambient conditions Operating temperature Max altitude			indication/Aux contact -40
Ambient conditions Operating temperature Max altitude Mechanical features		°C	indication/Aux contact -40 +80 2000
Ambient conditions Operating temperature Max altitude Mechanical features Fixing		°C m	indication/Aux contact -40 +80 2000 Din rail
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC)		°C m mm²	indication/Aux contact -40 +80 2000 Din rail 25
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC)		°C m	indication/Aux contact -40 +80 2000 Din rail 25 35
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight		°C m mm²	indication/Aux contact -40 +80 2000 Din rail 25
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication		°C m mm² mm²	indication/Aux contact -40 +80 2000 Din rail 25 35 540
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication Type of contact		°C m mm² mm²	indication/Aux contact -40 +80 2000 Din rail 25 35
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication	max	°C m mm² mm²	indication/Aux contact -40 +80 2000 Din rail 25 35 540 CO
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication Type of contact	125V AC	°C m mm² g g	indication/Aux contact -40 +80 2000 Din rail 25 35 540 CO 3
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication Type of contact	125V AC 250V AC	°C m mm² g g A A	indication/Aux contact -40 +80 2000 Din rail 25 35 540 CO CO 3 0.5
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication Type of contact	125V AC 250V AC 125V DC	°C m mm² g g A A A	indication/Aux contact -40 +80 2000 Din rail 25 35 540 CO CO 3 0.5 0.2
Ambient conditions Operating temperature Max altitude Mechanical features Fixing Conductor section Flexible max (IEC) Conductor section Rigid max (IEC) Weight Relay output for remote status indication Type of contact	125V AC 250V AC	°C m mm² g g A A	indication/Aux contact -40 +80 2000 Din rail 25 35 540 CO CO 3 0.5

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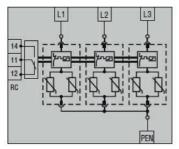
ENERGY AND AUTOMATION



SA03PA320R ÜBERSPANNUNGSABLEITER MONOBLOCK TYPE 1-2-3, 3P



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

EAC

Certificates

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems

SA03PA320R