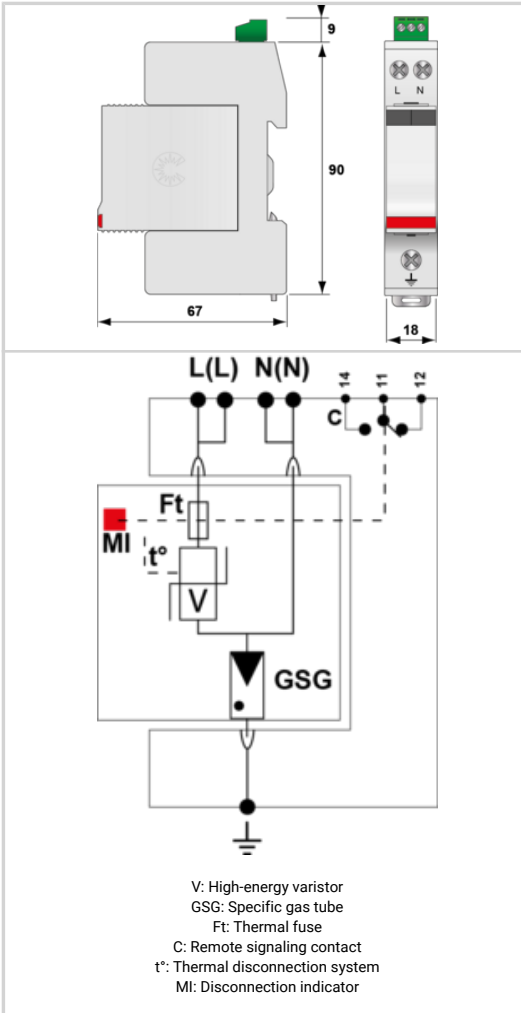




- MOV+GSG Technology
- UL1449 TYPE 4CA
- 40kA Surge Current Rating per module
- Visual fault indicator and remote contacts
- 10-Year warranty



Electrical Characteristics		
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total	40 kA
Protection mode(s)		Common/Differential mode
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
VOLTS	(V)	400/230
AC/DC/DC PV/RF		AC
PHASE	(PH)	1S
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+60
MODES		L-L, L-G, L-N, N-G
MLV	(V)	-/1790/2240/1480
MCOV	(V)	-/255/255/255
IN 15 impulses 8/20μs	(kA)	20
SCCR	(kA)	n/a
IMAX 8/20μs	(kA)	40
Option		
Remote status dry contact electrical ratingMax Voltage	V	250.0000
Remote status dry contact electrical ratingMax Current	A	0.5000
RFI Filter		No
Installation		
Wiring type		screw
Solid wire cross sectionMin	mm ²	1.5000
Solid Wire cross sectionMax	mm ²	16.0000
Stranded Wire cross sectionMin	mm ²	1.5000
Stranded wire cross sectionMax	mm ²	10.0000
Wire gaugeMin	AWG	15.0000
Wire gaugeMax	AWG	5.0000
Torque	Nm	1.2-1.5
Torque	in-lbs	10.6-13.3
Strip Length	mm	16.0000
Strip Length	in	0.6300
Operating TemperatureMin	°C	-40.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-40.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	95
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Thermoplastic
Flammability ratingUL 94		V0
Mounting		Rail Din
IP Environmental ratingIP		IP20
Installation Location		Indoor / outdoor
Spare part		Module
Product DimensionL	mm	90.0000
Product DimensionH	mm	67.0000
Product DimensionW	mm	18.0000
Product DimensionL	In	3.5400
Product DimensionH	In	2.6300
Product DimensionW	In	0.7100
Miscellaneous		
Individual Pack		Yes
Storage TemperatureMin	°C	-40.0000

DS240S-230/G

Storage Temperature ^{Max}	°C	85.0000
Storage Temperature ^{Min}	°F	-40.0000
Storage Temperature ^{Max}	°F	85.0000
Storage Relative Humidity ^{Max}	%RH	95.0000
Mechanical Characteristics		
Connection to Network	By screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)	
TECHNOLOGY	MOV+GSG	
NETWORK CONFIGURATION	2 pole, 2W+G, Single/Spilt Phase	
CONNECTION METHOD	Screw Terminal, 15-5AWG Solid Wire, 15-7AWG Stranded Wire	
MOUNTING	Din Rail	
MATERIAL	Thermoplastic UL94-V0	
NEMA RATING (IP RATING)	NEMA 2 (IP20)	
FAIL-SAFE BEHAVIOR	Disconnection via fuse-link	
REAL-TIME DIAGNOSTICS	Visual indicator and remote contacts	
DIMENSIONS	See diagram	
WEIGHT	0.30 lbs	
Standards		
Certification	UL / CSA / TUV Süd	
UL STANDARD	UL1449 5th Edition	
UL CATEGORY	VZCA2, VZCA8	
UL FILE NUMBER	E326289	
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993	
ENVIRONMENTAL STANDARDS	ROHS	
Part number		
311731		