

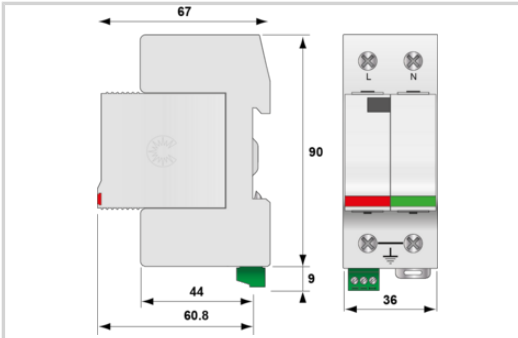


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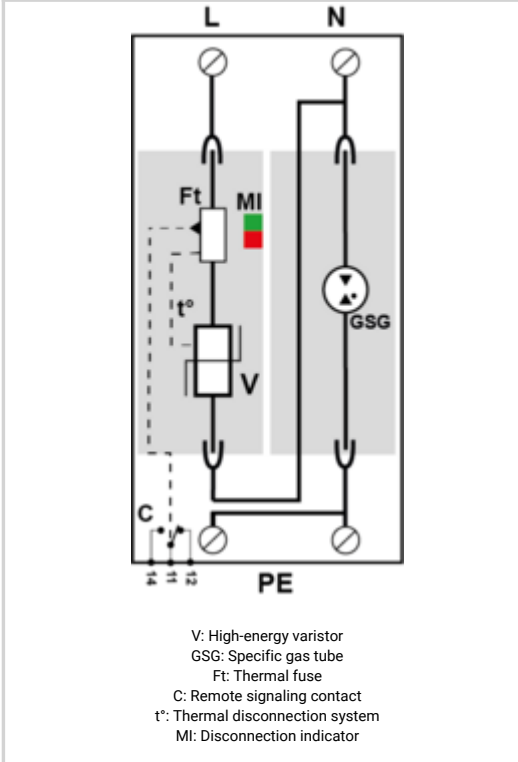
DS42S-120/G



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



Electrical Characteristics	
Network	120 V single-phase
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) 240/120
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-N, L-G, N-G
MLV	(V) 1702/1040/1690/1090
MCOV	(V) 300/150/150/255
IN <i>15 impulses 8/20μs</i>	(kA) 20
SCCR	(kA) n/a
IMAX <i>8/20μs</i>	(kA) 40
Iimp <i>10/350μs</i>	(kA) 4



Mechanical Characteristics	
Technology	MOV+GDT
Connection to Network	By screw terminals: 2.5-25mm ² / by bus
Format	Plug-in modular box
Failsafe mode	Disconnection from AC network
Weight	0.175 kg
TECHNOLOGY	MOV+GSG
NETWORK CONFIGURATION	2 pole, 2W+G, Single/Spilt Phase
CONNECTION METHOD	SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
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	0.60 lbs
SPARE PART	DSM40-120, DSM40G-600

Standards	
Certification	CSA / UL Listed
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	
461631	

