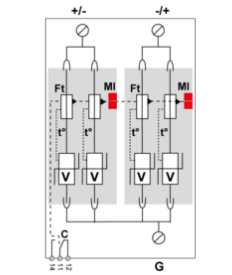
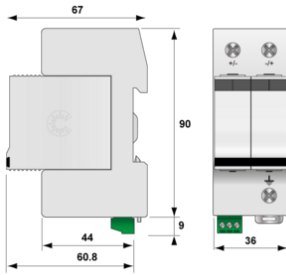




- Multi-MOV Technology
- UL1449 5th Ed. Type 1
- 70kA Surge Current Rating per module
- Visual fault indicator and remote contacts
- 10-Year warranty



V: High-energy varistor  
 Ft: Thermal fuse  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator

Electrical Characteristics	
Network	48 Vdc
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	<i>I<sub>max Total</sub></i> 140 kA
Protection mode(s)	Differential/Common mode
Protection level +/-PE (-/PE) <i>@ I<sub>n</sub> (8/20μs)</i>	<i>U<sub>p</sub></i> 300 V
POWER SPD TYPE	UL1449 5th Ed. TYPE 1
VOLTS	(V) 48
AC/DC/DC PV/RF	DC
PHASE	(PH) -
AMPS	(A) N/A
AMBIENT MIN	(C) -40
AMBIENT MAX	(C) +85
MODES	DC+-DC-,DC+-G,DC-G
VPR	(V) 800/400/400
MCOV	(V) 150/75/75
IN <i>15 impulses 8/20μs</i>	(kA) 20
SCCR	(kA) 85
IMAX <i>8/20μs</i>	(kA) 70
Mechanical Characteristics	
Technology	MOV
Connection to Network	By screw terminals: 4-25mm <sup>2</sup>
Format	Plug-in modular box
Failsafe mode	Disconnection from DC network
TECHNOLOGY	Multi-MOV
NETWORK CONFIGURATION	2W+G
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	0.44 lbs
SPARE PART	DSM70-48DC
Standards	
Certification	UL Listed
UL STANDARD	UL1449 5th Edition
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
49212155	

