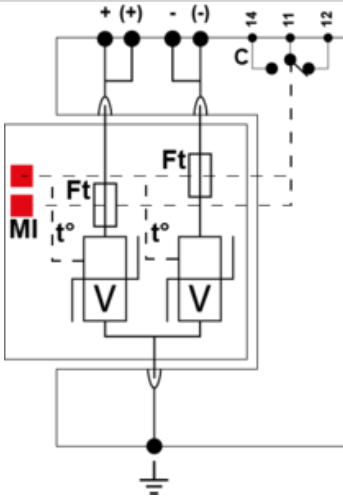
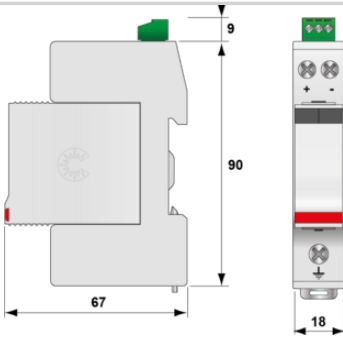




- ↳ DC power surge protector
- 48Vdc
- I_{max}:20kA
- Pluggable module
- Remote signaling
- Very low Up protection level



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics		
Network		DC or PV network 48Vdc
Max. DC operating voltage	U _c	65 Vdc
Max. load current @25°C	I _L	50 A
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total	40 kA
Protection mode(s)		Common mode
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
VOLTS	(V)	48
AC/DC/DC PV/RF		DC
PHASE	(PH)	-
AMPS	(A)	N/A
AMBIENT MIN	(C)	-30
AMBIENT MAX	(C)	+85
MODES		DC+G or DC-G
MLV DC	(V)	560
MCOV	(V)	65
IN <i>15 impulses 8/20μs</i>	(kA)	10
SCCR	(kA)	n/a
IMAX <i>8/20μs</i>	(kA)	30
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 1.5-10mm ² (actives wires) and 2.5-25mm ² (ground)
Format		Plug-in modular box
Failsafe mode		Disconnection from DC network
TECHNOLOGY		MOV
NETWORK CONFIGURATION		2W+G
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING		Wall mount
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
SPARE PART		DSM220-12DC
Standards		
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA2, VZCA8
UL FILE NUMBER		E326289
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
390412		

