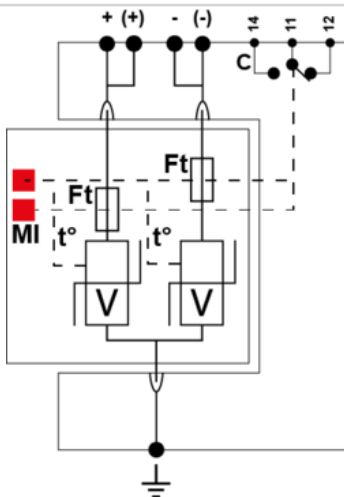
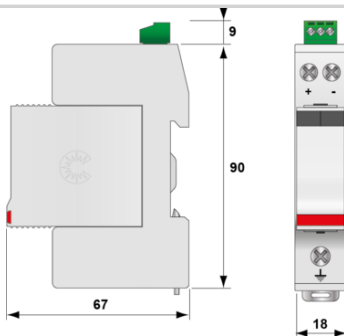


DS240S-280DC



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



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

Electrical Characteristics

Max. load current	IL	20 A
Total Maximum discharge current (max. total withstand @ 8 /20 μs)	I _{max} Total	80 kA
Protection mode(s)		Common mode
Protection level +/PE (-/PE) (@ I _n (8/20μs))	Up	1200 V
POWER SPD TYPE		IEC Type 2
VOLTS	(V)	280
AC/DC/DC PV/RF		DC
PHASE	(PH)	-
AMPS	(A)	n/a
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		DC+-DC-, DC+-G, DC--G
IN(15 impulses 8/20μs)	(kA)	20
SCCR	(kA)	n/a
IMAX(8/20μs)	(kA)	40

Mechanical Characteristics

Weight		0.132 kg
TECHNOLOGY		MOV
NETWORK CONFIGURATION		2W+G
CONNECTION METHOD		Screw Terminal (8-12AWG)
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 (mm)
WEIGHT		0.30 lbs

Standards

Certification		UL / EAC / TUV
UL STANDARD		UL1449 4th 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

310511

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