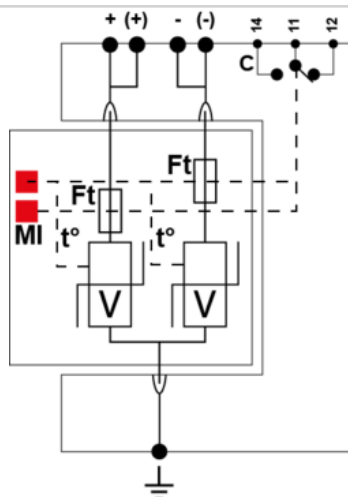
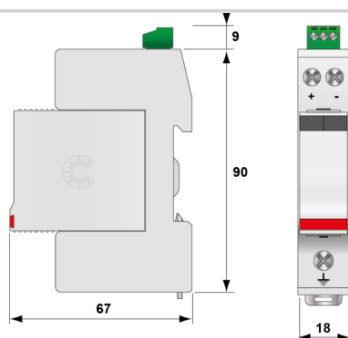


DS230S-48DC



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 μ s)	Imax Total	60 kA
Protection mode(s)		Common mode
POWER SPD TYPE		UL1449 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+DC;DC+G,DC-G
MLV DC	(V)	710/540/560
MCOV	(V)	65/65/65
IN(15 impulses 8/20 μ s)	(kA)	10
SCCR	(kA)	n/a
IMAX(8/20 μ s)	(kA)	30

Mechanical Characteristics

Outdoor application		No
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
SPARE PART		DSM230-48DC

Standards

Certification		UL listed
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

390411

