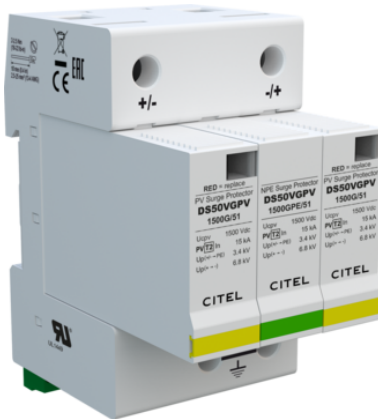
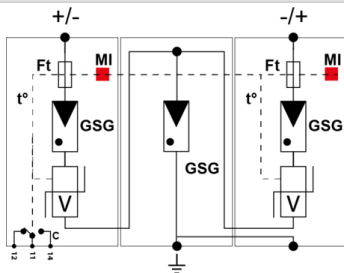
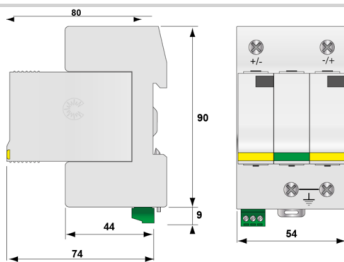


DS50VGPVS-1500G/51



- ↳UL Type 1 CA DC SPD for PV Systems
- VG Technology for Maximum Performance
- Zero Leakage Current
- Zero Current Working
- I_{max} : 40kA/pole at 8/20μs
- I_n : IEC 20kA/pole, UL 10kA/pole at 8/20μs
- UL 1449 4th Edition Recognized



V: High-energy varistor
GSG: Specific gas tube
Ft: Thermal fuse
C: Remote signaling contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

Protection mode(s)		Common/Differential mode
POWER SPD TYPE		UL1449 TYPE 1CA
VOLTS	(V)	1500
AC/DC/DC PV/RF		DC PV
PHASE	(PH)	-
AMPS	(A)	n/a
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		DC+-DC-, DC+-G, DC--G
VPR	(V)	5000/3000/3000
MCOV	(V)	1500/1500/1500
IN(15 impulses 8/20μs)	(kA)	10
SCCR	(kA)	50

Mechanical Characteristics

Outdoor application		false
Weight		0.327 kg
TECHNOLOGY		MOV+GSG
NETWORK CONFIGURATION		3 poles, 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)

Standards

Certification		UL / EAC
UL STANDARD		UL1449 4th Edition
UL FILE NUMBER		E326289

Part number

481511

Mouser Electronics

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