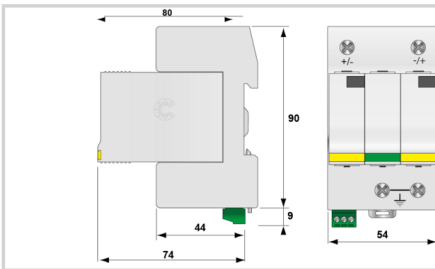


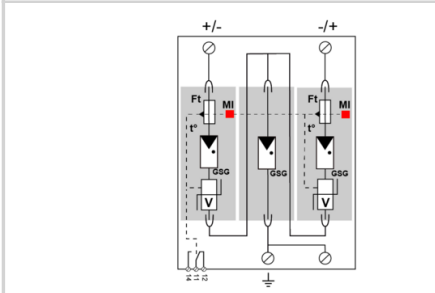
DS50VGPVS-1000



- ↳ 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 : 20kA/pole at 8/20µs



Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 1CA
VOLTS	(V)	1000
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
MCOV	(V)	1200/1200/1200
IN(15 impulses 8/20µs)	(kA)	20
SCCR	(kA)	50



Mechanical Characteristics	
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)

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

Standards	
Certification	UL / EAC
UL STANDARD	UL1449 5th Edition
UL FILE NUMBER	E326289

Part number
480361

