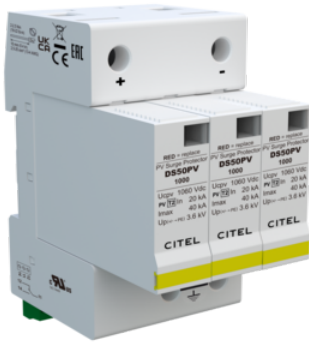


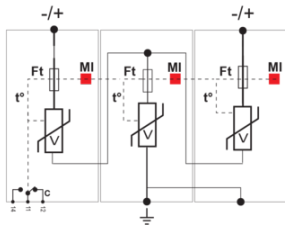
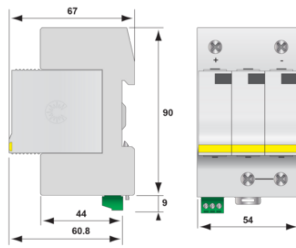


# CITEL

## DS50PVS-1000



- MOV Technology
- UL1449 5th Edition-Type 1CA
- 40kA Surge Current Rating
- Visual fault indicator and remote contacts
- 10-Year warranty



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

### Electrical Characteristics

Network		PV network 1000 Vdc
Protection mode(s)		Common mode
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)	-40
AMBIENT MAX	(C)	+85
MODES		DC+DC-,DC+G,DC-G
VPR	(V)	2500/2500/2500
MCOV	(V)	1000/1000/1000
IN	(kA)	20
		15 impulses 8/20µs
SCCR	(kA)	50
IMAX	(kA)	40
		8/20µs

### Mechanical Characteristics

Technology		MOV
Connection to Network		By screw terminals: 4-25mm <sup>2</sup> / by bus
Format		Plug-in modular box
Failsafe mode		Disconnection SPD of the PV line
Weight		0.272 kg
TECHNOLOGY		MOV
NETWORK CONFIGURATION		3 poles, 2W+G
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
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

### Standards

Certification		UL Recognized
UL STANDARD		UL1449 5th Edition
UL FILE NUMBER		E326289

### Part number

**480312**

