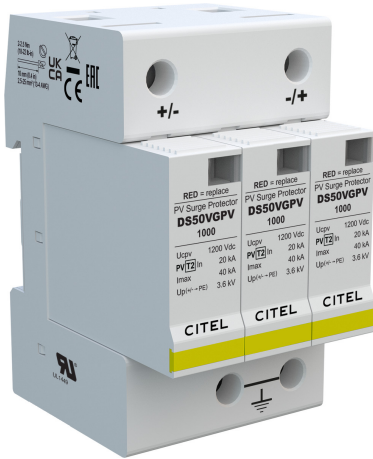




CITEL



DS50VGPV-1000

- ▶ UL Type 1CA DC SPD
 - Designed with High Energy MOV's
 - Modular Design for Ease of Maintenance
 - Integrated Status Indicator Window
 - I_{max} : 40 kA /pole at 8/20μs
 - I_n : 20 kA /pole at 8/20μs
 - UL 1449 5th Edition Recognized



Electrical Characteristics		
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	40 kA
Connection mode(s)		+/-/PE
Protection mode(s)		Common/Differential 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+G or DC-G
MCOV	(V)	1000/1000/1000
IN <i>15 impulses 8/20μs</i>	(kA)	20
SCCR	(kA)	50
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
Connection to Network		By screw terminals: 4-25mm ²
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	T _u	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection SPD of the PV line
TECHNOLOGY		MOV+GSG
NETWORK CONFIGURATION		3 poles, 2W+G
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING		Wall mount
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
UL STANDARD		UL1449 5th Edition
UL FILE NUMBER		E326289
Part number		
480351		

