

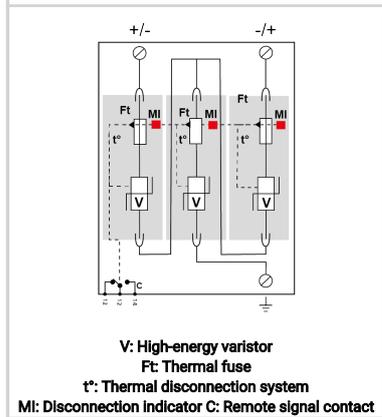
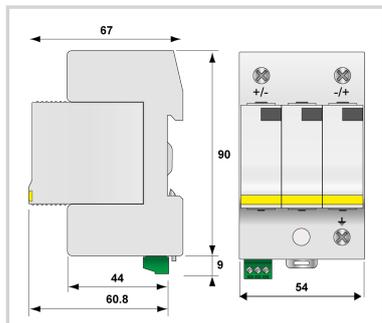


# CITEL



## DS50PVUS-1500/51

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



Electrical Characteristics	
Network	PV 1250 Vdc
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	<i>I<sub>max</sub></i> 40 kA
Connection mode(s)	+/-/PE
Protection mode(s)	Common/Differential mode
POWER SPD TYPE	UL1449 TYPE 1 LISTED
VOLTS	(V) 1500
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) 4000/4000/4000
MCOV	(V) 1500/1500/1500
IN <i>15 impulses 8/20μs</i>	(kA) 10
SCCR	(kA) 100
IMAX <i>8/20μs</i>	(kA) 40
Mechanical Characteristics	
Technology	MOV
Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup> / by bus
Format	Plug-in modular box
Operating temperature	<i>T<sub>u</sub></i> -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection SPD of the PV line
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 Listed
UL STANDARD	UL1449 5th Edition
UL FILE NUMBER	E326289
Part number	
<b>48057155</b>	

