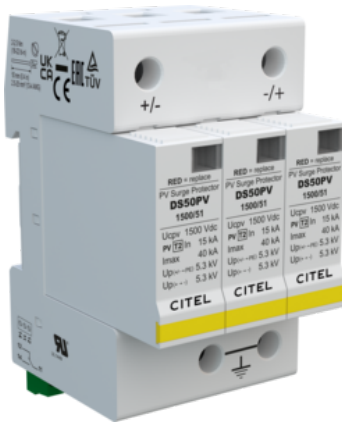


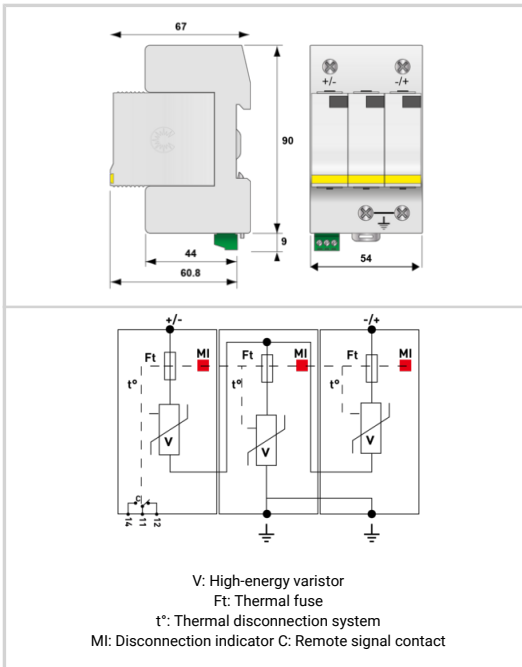


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DS50PVS-1500/51



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



Electrical Characteristics	
Network	PV network 1250 Vdc
Protection mode(s)	Common/Differential mode
POWER SPD TYPE	UL1449 5th Ed. TYPE 1CA
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	(kA) 10
	15 impulses 8/20µs
SCCR	(kA) 100
IMAX	(kA) 40
	8/20µs
Mechanical Characteristics	
Technology	MOV
Connection to Network	By screw terminals: 2.5-25mm ² / by bus
Format	Plug-in modular box
Failsafe mode	Disconnection SPD of the PV line
Weight	0.334 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	UL1449 ed.5
UL STANDARD	UL1449 5th Edition
UL FILE NUMBER	E326289
Part number	
480571	



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