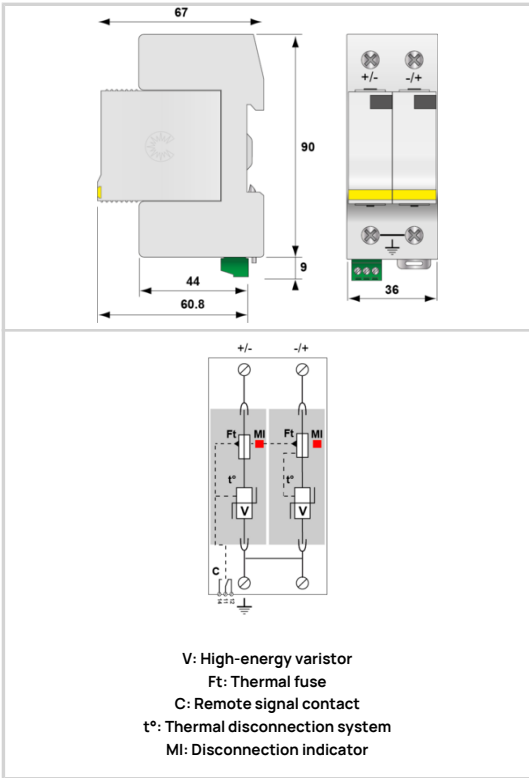


# DS50PVS-500



- MOV Technology
- UL1449 Type 4CA
- 40kA Surge Current Rating
- Visual fault indicator and remote contacts
- 10-Year warranty



Option		
Remote status dry contact electrical rating (Max Voltage)	V	250.0000
Remote status dry contact electrical rating (Max Current)	A	0.5000
RFI Filter		no
Installation		
Wiring type		Screw
Solid wire cross section (Min)	mm <sup>2</sup>	4.0000
Solid Wire cross section (Max)	mm <sup>2</sup>	25.0000
Stranded Wire cross section (Min)	mm <sup>2</sup>	4.0000
Stranded wire cross section (Max)	mm <sup>2</sup>	25.0000
Wire gauge (Min)	AWG	12.0000
Wire gauge (Max)	AWG	4.0000
Torque	Nm	2.0 - 2.5
Torque	in-lbs	17.8 - 22.1
Strip Length	mm	12.5000
Strip Length	in	0.5000
Operating Temperature (Min)	°C	-40.0000
Operating Temperature (Max)	°C	85.0000
Operating Temperature (Min)	°F	-40.0000
Operating Temperature (Max)	°F	85.0000
Operating Relative Humidity (Max)	%RH	95
Operating Altitude (Min)	Ft	2000.0000
Operating Altitude (Max)	Ft	6500.0000
Housing/Enclosure material		Thermoplastic
Flammability rating (UL 94)		V0
Mounting		Din Rail
IP Environmental rating (IP)		IP20
NEMA Environmental rating (NEMA)		NEMA 1
Installation Location		Indoor
Spare part		Module
Product Dimension (L)	mm	99.0000
Product Dimension (H)	mm	67.0000
Product Dimension (W)	mm	54.0000
Product Dimension (L)	In	3.8900
Product Dimension (H)	In	2.6400
Product Dimension (W)	In	2.1300
Miscellaneous		
Individual Pack		Yes
Storage Temperature (Min)	°C	-40.0000
Storage Temperature (Max)	°C	85.0000
Storage Temperature (Min)	°F	-40.0000
Storage Temperature (Max)	°F	85.0000
Storage Relative Humidity (Max)	%RH	95.0000
Electrical Characteristics		
Protection mode(s)		Common/Differential mode

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Protection level +/-PE (-/PE) (@ In (8/20µs))	Up	1.8 kV
Maximum Discharge Current (Imax (8/20))	kA	40.0000
Maximum Discharge Current (Imax (8/20))	kA	40.0000
Maximum Discharge Current (Imax (8/20))	kA	40.0000
POWER SPD TYPE		UL1449 TYPE 4CA
VOLTS	(V)	500
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
MLV	(V)	3400/2240/2240
MCOV	(V)	530/530/530
IN(15 impulses 8/20µs)	(kA)	20
SCCR	(kA)	n/a
<b>Mechanical Characteristics</b>		
Weight		0.207 kg
TECHNOLOGY		MOV
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)
<b>Standards</b>		
Certification		UL / EAC / TUV
UL STANDARD		UL1449 4th Edition
UL FILE NUMBER		E326289
<b>Part number</b>		
<b>480112</b>		