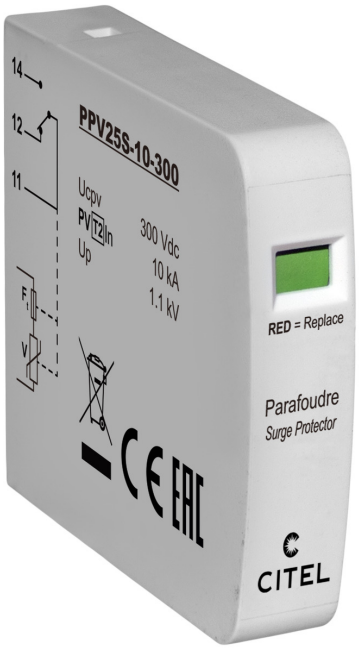
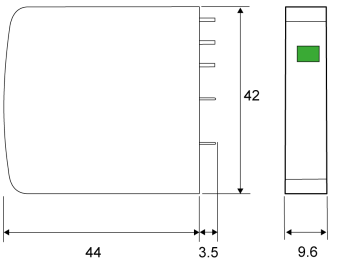
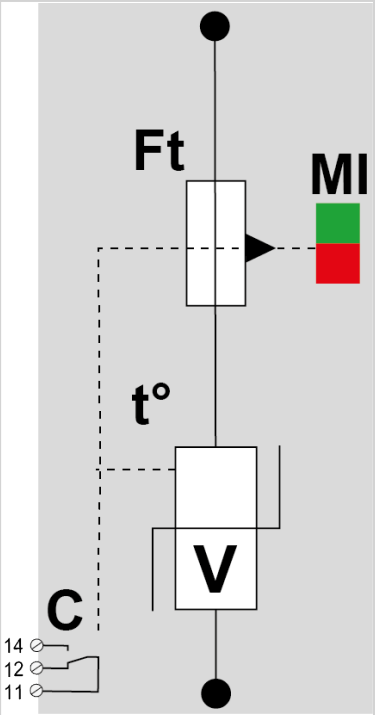
PPV25S-10-300







V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics		
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	25 kA
Connection mode(s)		+/-/PE
Protection mode(s)		Common/Differential mode
Protection level +/PE (-/PE) *@ In (8/20µs)*	Up	2.5 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 (Pending)
VOLTS	(V)	350
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)	670/670/670
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	100
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*	mm²	4.0000
Solid Wire cross section*Max*	mm²	25.0000
Stranded Wire cross section*Min*	mm²	4.0000
Stranded wire cross section*Max*	mm²	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

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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	36.0000
Product Dimension*L*	In	3.8900
Product Dimension*H*	In	2.6400
Product Dimension*W*	In	1.4200
Miscelaneous		
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
Mechanical Characteristics		
Technology		MOV
Connection to Network		Through soldering pins
Format		Plug-in modular box
Mounting		On Printed Circuit Board
Operating temperature	Tu	-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		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		
UL STANDARD		UL1449 5th Edition (Pending)
UL FILE NUMBER		E326289
Part number		
8721210		