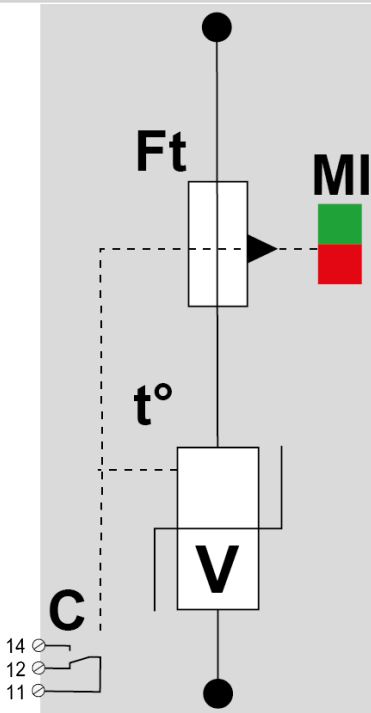
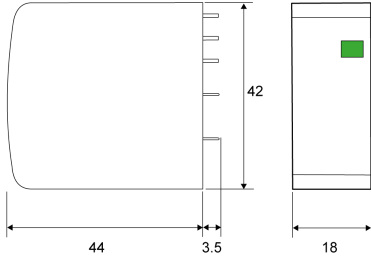
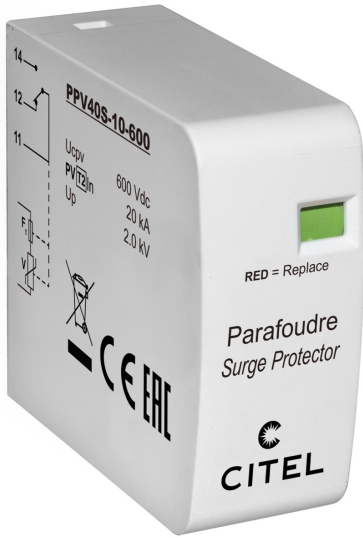




# PPV40S-10-600

# CITEL



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

Electrical Characteristics		
Protection mode(s)		Common/Differential mode
Protection level +/-PE (-/PE) @ $I_n$ (8/20 $\mu$ s)	Up	2.5 kV
Maximum Discharge Current $I_{max}$ (8/20)	kA	40.0000
Maximum Discharge Current $I_{max}$ (8/20)	kA	40.0000
Maximum Discharge Current $I_{max}$ (8/20)	kA	40.0000
POWER SPD TYPE		UL1449 TYPE 4CA (Pending)
VOLTS	(V)	600
AC/DC/DC PV/RF		DC PV
PHASE	(PH)	
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		DC+G or DC-G
MCOV	(V)	670/670/670
IN 15 impulses 8/20 $\mu$ s	(kA)	20
SCCR	(kA)	100
Option		
Remote status dry contact electrical ratingMax Voltage	V	250.0000
Remote status dry contact electrical ratingMax Current	A	0.5000
RFI Filter		no
Installation		
Wiring type		Screw
Solid wire cross sectionMin	mm <sup>2</sup>	4.0000
Solid Wire cross sectionMax	mm <sup>2</sup>	25.0000
Stranded Wire cross sectionMin	mm <sup>2</sup>	4.0000
Stranded wire cross sectionMax	mm <sup>2</sup>	25.0000
Wire gaugeMin	AWG	12.0000
Wire gaugeMax	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 TemperatureMin	°C	-40.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-40.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	95
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Thermoplastic
Flammability ratingUL 94		V0
Mounting		Din Rail
IP Environmental ratingIP		IP20
NEMA Environmental ratingNEMA		NEMA 1
Installation Location		Indoor
Spare part		Module



# CITEL

## PPV40S-10-600

Product DimensionL	mm	99.0000
Product DimensionH	mm	67.0000
Product DimensionW	mm	36.0000
Product DimensionL	In	3.8900
Product DimensionH	In	2.6400
Product DimensionW	In	1.4200
<b>Miscellaneous</b>		
Individual Pack		Yes
Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Storage Relative HumidityMax	%RH	95.0000
<b>Mechanical Characteristics</b>		
Technology		MOV
Connection to Network		Through soldering pins
Format		Plug-in modular box
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
<b>Standards</b>		
UL STANDARD		UL1449 5th Edition (Pending)
UL FILE NUMBER		E326289
<b>Part number</b>		
<b>8722203</b>		

