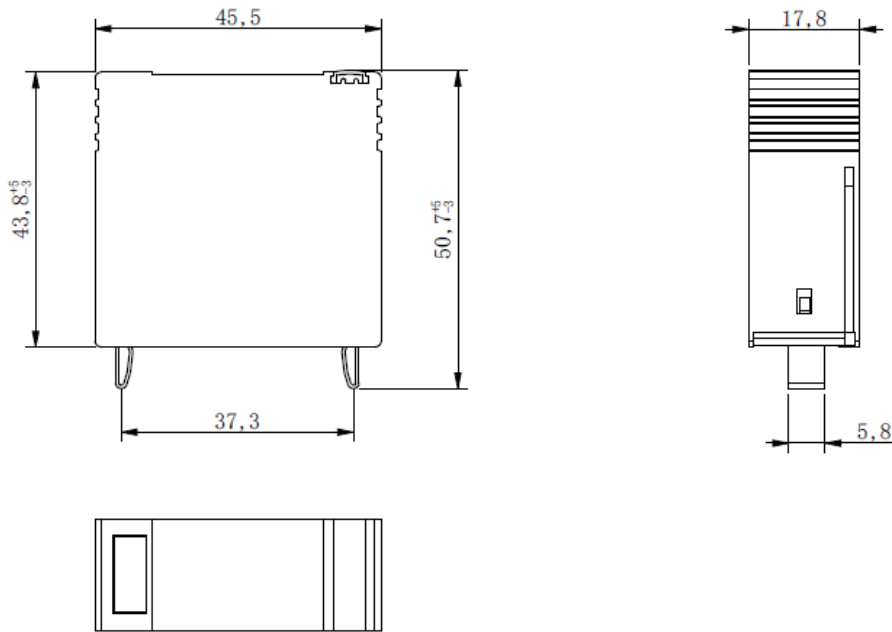


Basic circuit diagram

Part No.		CPV40/600	CPV40/1000
In accordance with		UL1449, EN50539	
Category		Type 1 CA for UL, class II for EN	
Nominal voltage (Vdc)	Un	600Vdc	1000Vdc
Protection mode		<i>DC+ → PE, DC- → PE,</i>	<i>DC+ → PE, DC- → PE, DC+ → DC-</i>
Max. permitted DC voltage	Vpdc	670V	560V
Nominal discharge current(8/20us)	In	20kA	20kA
Max. discharge current(8/20us)	Imax	40KA	40KA
Voltage protection rating level	VPR	1.5kV	<1.5kV
Response time		≤25 ns	
Operating temperature range		- 40°C ~ + 85°C	
Enclosure material		thermoplastic; extinguishing degree UL94 V-0	
Disconnecter instructions		Window fault indication	

Dimension drawing (unit: mm)



Application on PCB mounting

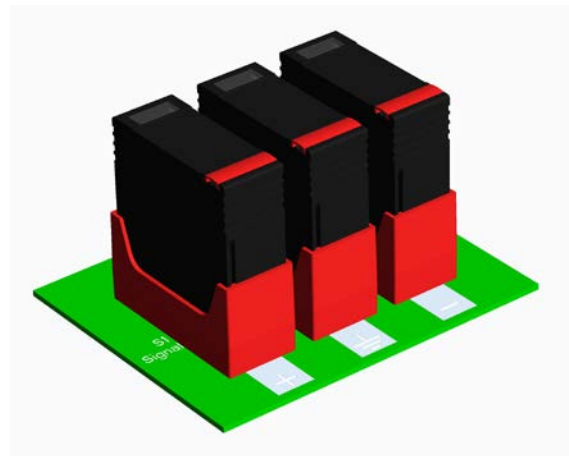
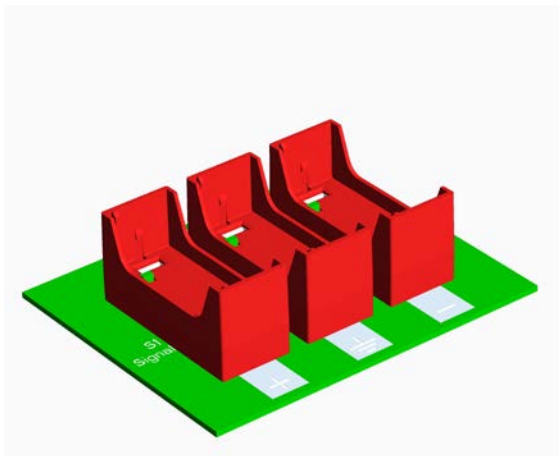


Fig: PVD_Base type A to be mounted on PCB for pluggable Prosurge PVD modules

Dimension drawing of PVD_Base (unit: mm)

