

# VOLTAGE SURGE ARRESTERS FOR “FLOATING” LOW CURRENT DC POWER SUPPLIES & SYSTEMS

## Imax 20KA 8/20

PRODUCT  
GROUP  
HH

Raycap

**TYPE: PSC-2/xxx**

### FEATURES

- Wired in series, maximum 4 Amps
- Suitable for floating DC systems
- Suitable for low power supply and telecommunication applications
- No fusing required
- Width only 12mm

### DESCRIPTION & MODE OF OPERATION

These units are designed to protect small 12, 24 and 48VDC floating power supplies and systems and are wired in series, maximum system load 4 Amps. Protection is via MOV's, the plug in module facilitates the replacement of a failed MOV without the need to disconnect the system wiring and as it is in parallel across the system, failure or removal of the module does not interrupt the system voltage.

### SPECIFICATIONS

Complies with:	IEC / EN61643-21
Category:	C1 / C2 / C3
Maximum in series current rating:	4 Amps
C2 Nominal discharge current 8/20:	10KA
Maximum discharge current 8/20:	20KA
Protection via:	High energy MOV's (Metal Oxide Varistors)
Response time:	< 1n Sec
Thermal protection:	Yes
Operating temperature range:	-40°C to +80°C
Terminal cross section:	4mm <sup>2</sup> stranded cable

<b>PSC-2/</b>	<b>12V</b>	<b>24V</b>	<b>48V</b>
Maximum continuous DC voltage:	15V	28V	52V

### ORDERING INFORMATION

Type		Spare Modules	
PSC-2/12VDC	7086.83	12VDC	7086.86
PSC-2/24VDC	7086.84	24VDC	7086.87
PSC-2/48VDC	7086.85	48VDC	7086.88



### DIMENSIONS & INTERNAL CONFIGURATION

#### Legend

- GDT Gas Discharge Tube
- MOV Metal Oxide Varistor
- PE Ground
- R Resistor
- RC Remote Control (NC)

