

LSPDPV1000 Data Sheet

Type 1&2 PV SPD

SURge
PROTECTION DEVICES LTD



- Compliant to BS EN 61643-31
- Suitable for the DC side of solar PV installations
- Suitable for PV systems with 1000V capacity
- Window Indication
- Pluggable replacement modules
- Remote changeover contacts as standard
- Din rail mountable
- Recommended PE cable size minimum 6mm

SCAN THE QR CODE FOR THE
**INSTALLATION
INSTRUCTIONS**



SPD's for PV systems are to protect the inverter and the fixed installation, therefore PV SPD's should be installed on the DC side of the PV system, before the inverter. These will always be Type 2 devices, unless the building has an external lightning protection system, where you would install a Type 1 SPD.

For more information on the application of PV SPDs, Scan the QR code below:



Technical Data	LSPDPV1000
Maximum PV DC Voltage - U_{CPV}	$\leq 1000V$ DC
Maximum Continuous Voltage - U_c	1060V DC
Voltage Protection Level - U_p	$\leq 3.5kV$
Lightning Impulse Current 10/350 μs - I_{imp}	6.5kA
Total Lightning Impulse Current 10/350 μs - I_{Total}	12.5kA
Response Time - t_A	$\leq 25ns$
Tightening Torque	4Nm
Operating Temperature	-40°C to +80°C
Dimensions - W (mm) x H (mm) x D (mm)	54 x 90 x 60
Mounting On	35mm DIN rail
Indication of Status	Flag & Remote
Classification According to BS EN 61643-31	Type 1 & 2