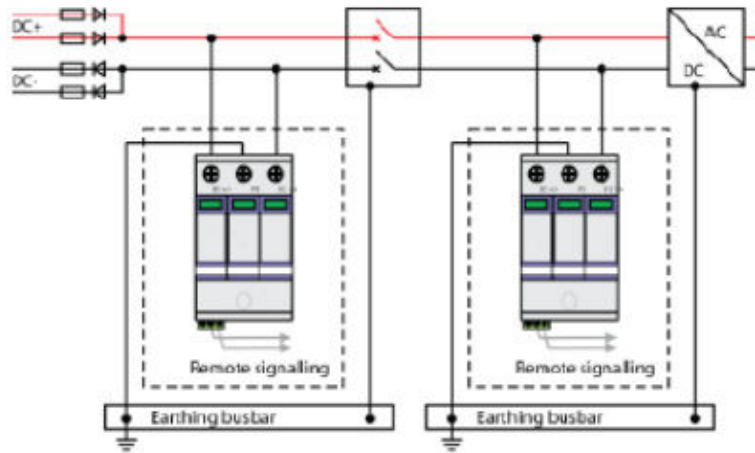


# LSPDPV600

## INSTALLATION INSTRUCTIONS



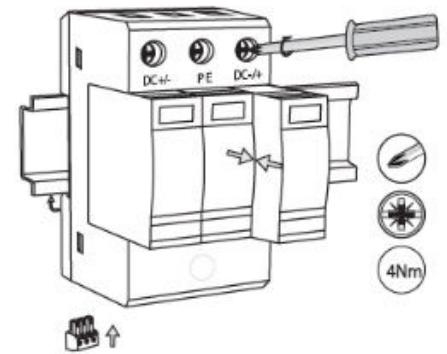
**SURge**  
PROTECTION DEVICES LTD



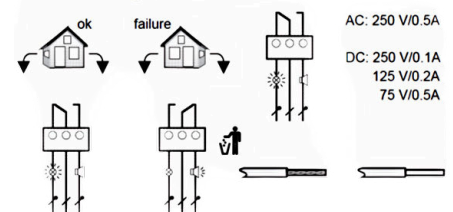
### Technical Data

### LSPDPV600

|  |                |
|--|----------------|
| Maximum PV DC Voltage - $U_{CPV}$                            | $\leq 600V$ DC |
| Maximum Continuous Voltage - $U_c$                           | 625V DC        |
| Voltage Protection Level - $U_p$                             | $\leq 2.0kV$   |
| Lightning Impulse Current 10/350 $\mu s$ - $I_{imp}$         | 8kA            |
| Total Lightning Impulse Current 10/350 $\mu s$ - $I_{Total}$ | 16kA           |
| 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     |



### Remote Monitoring



|               |                    |                   |        |
|---------------|--------------------|-------------------|--------|
|               | 15.5mm             | 15.5mm            | 15.5mm |
| DC+/- PE min. | 1.5mm <sup>2</sup> |                   |        |
| DC+/- PE max. | 25mm <sup>2</sup>  | 35mm <sup>2</sup> |        |

**Safety Instructions:** The device may only be installed by a registered electrician. The device must be checked for external damage or other defects prior to installation, if any damage is found the device must not be installed. Its use is only permitted within the limits stated in these installation instructions. Opening or otherwise tampering with the device invalidates the warranty. This device should be installed in line with the current edition of BS 7671. Each of our devices includes an information sticker which should be attached at or near to the SPD.