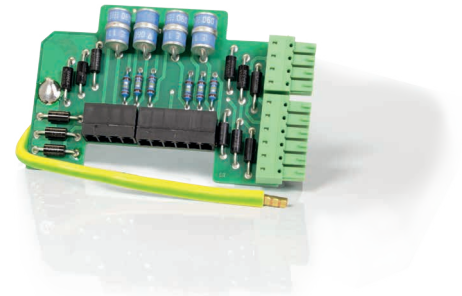


Overvoltage Protection

Greater Security Thanks to Optimal Protection

The Solar-Log™ overvoltage conductor is a two-stage protective circuit with a gas-filled surge arrester as its coarse protection element. The precision protection consists of suppressor diodes. This maintenance-free conductor is used to protect data and signal lines. This device protection has been specially developed for retrofitting the RS485/422 interface of the Solar-Log™. It is easy to install in just a few quick steps. Failures due to power surges are minimized. Please note that it is not possible to have the overvoltage protection with the Solar-Log 1900 and 2000 for the RS485 C interfaces. It is recommended to test the surge arrester after every lightening season or from time to time. Please contact Solar-Log™ support for more information.



| Technical data | Solar-Log 300 | Solar-Log 1200, 1900 and 2000 |
|-----------------------------------|--|--|
| Nominal operating voltage | | 5 V |
| Maximum operating voltage | | $6 V_{DC}$; $4,25 V_{AC}$ |
| Maximum operating current | | 500 mA |
| Protection level data line ground | | $\leq 25 V$ |
| Protection level data line GND | | $\leq 8,5 V$ |
| Fused interfaces | 1 (RS485/422) | 2 (RS485 A + RS485/422 B) |
| Dimensions (w x h x d) in mm | | 52 x 88 x 14 |
| Warranty | | 1 year |
| Article number | 255602 Extended cover and over-voltage protection | 255601 Extended cover and over-voltage protection |