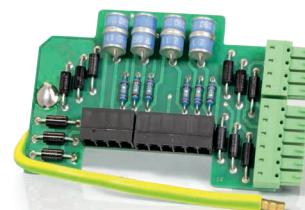


Overvoltage Protection

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 x (RS485/422)	2 x (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 overvoltage protection	255601 Extended cover and overvoltage protection