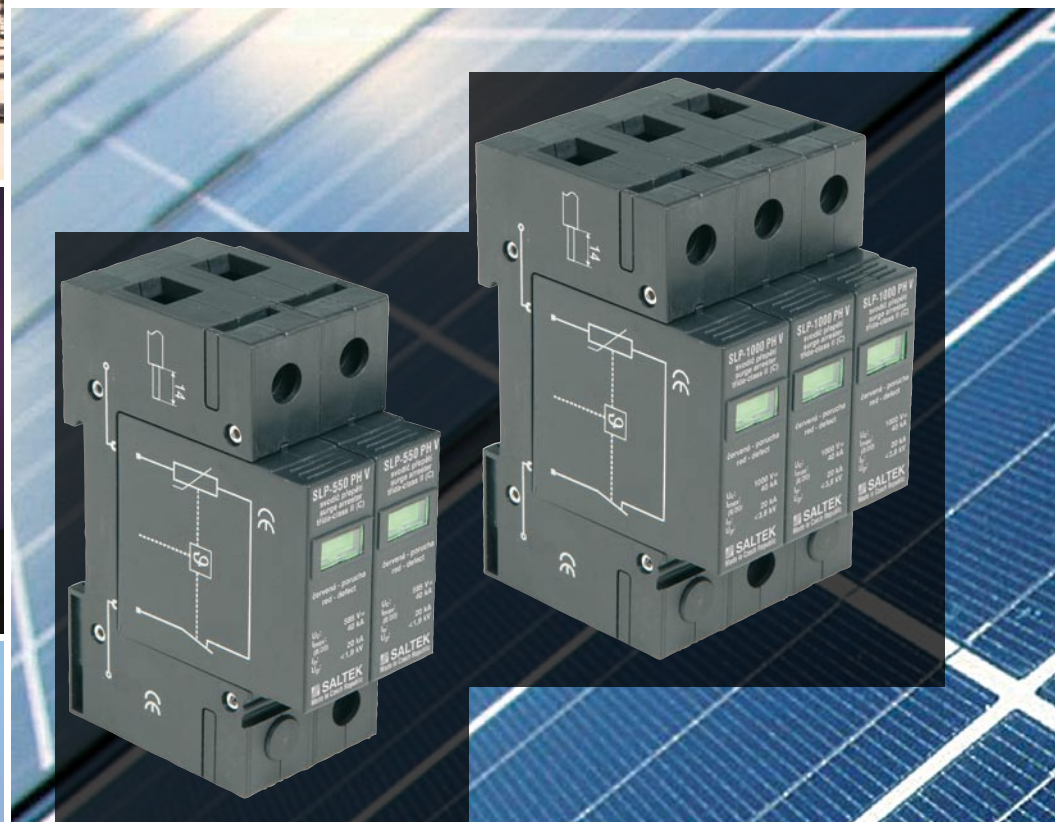


SURGE PROTECTORS FOR PHOTOVOLTAIC SYSTEMS



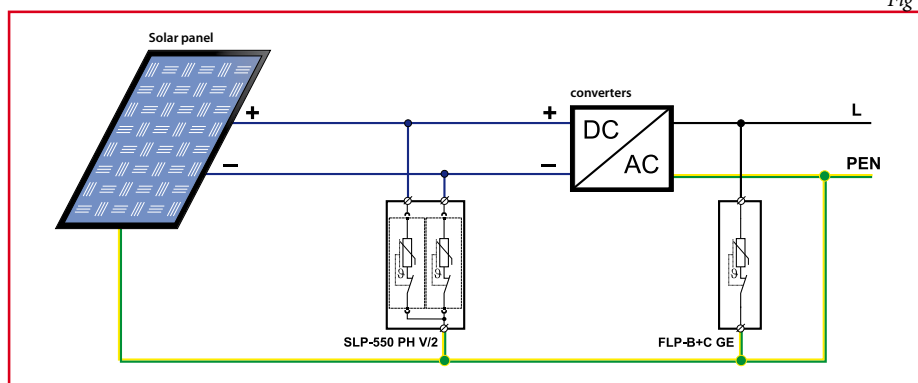
- **tested according to the requirements of EN 61643-11 (type 2) standard**
- **nominal discharge current 20 kA (8/20 μ s)/pole**
- **maximum discharge current 40 kA (8/20 μ s)/pole**
- **visual status indication**
- **optional remote status indication**

SURGE PROTECTORS FOR PHOTOVOLTAIC SYSTEMS

Applications

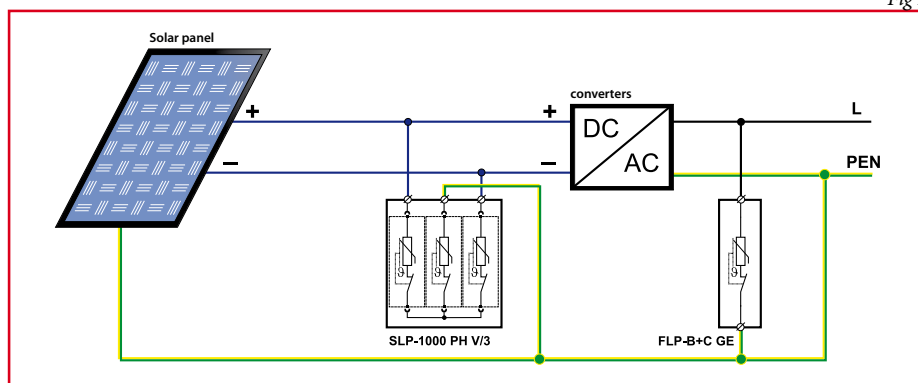
SLP-550 PH V/2

Fig 1



SLP-1000 PH V/3

Fig 2



The new SALTEK type 2 surge protections are specially designed for installation in the direct current circuits of photovoltaic/solar systems at the boundary of the LPZ 0_B – 1 zones and higher. In conjunction with the FLP-B+C GE, they ensure complete overvoltage protection of these systems.

These high-performance surge protections are able to divert up to 40 kA/pole in a wave of 8/20 μs.

Two versions of protections are available: Two-pole, which are usually installed in 2+0 mode connection (Fig. 1) and three-pole, designed for connection in 2+1 mode (Fig. 2).

Overvoltage protectors comprise:

- highly efficient varistors with thermal disconnecter,
- visual failure status indication,
- optional remote status indication ("S" version) with potential-free contact.



Models supplied	U _c (system)	U _c (per pole)	I _n (8/20μs)	I _{max} (8/20μs)	U _p (L+ → L-)	U _p (L+/L- → PE)
SLP-100 PH V/2	100 V DC	100 V DC	15 kA	40 kA	0,8 kV	0,4 kV
SLP-500 PH V/2	500 V DC	500 V DC	20 kA	40 kA	3,6 kV	1,8 kV
SLP-550 PH V/2	585 V DC	585 V DC	20 kA	40 kA	3,8 kV	1,9 kV
SLP-700 PH V/3	700 V DC	350 V DC	20 kA	40 kA	2,4 kV	2,4 kV
SLP-800 PH V/3	840 V DC	420 V DC	20 kA	40 kA	3,0 kV	3,0 kV
SLP-1000 PH V/3	1000 V DC	500 V DC	20 kA	40 kA	3,6 kV	3,6 kV

Other types available on request