

PV protector 3

**3 strings protected:
Surge Voltage
OverCurrent
Short Circuit**



Description

The PV Protector 3 is a PV string protection unit that protects 3 PV strings from surge voltages, over currents and short circuits.

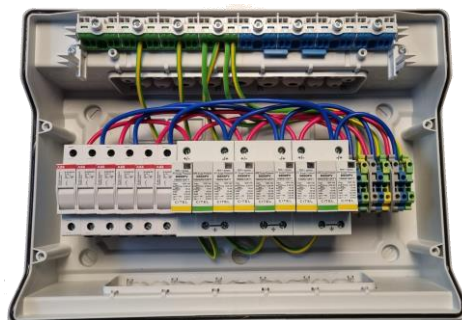
Panel inputs are protected with gPV fuses. Inputs have screw terminals for fast installation without the need to crimp MC4 connectors.

Outputs are designed for 3-wire cables, typically N1xv.

The unit is weather protected and can be installed close to the PV strings.

Features

- Protection
 - Surge protection Type 1 and 2
 - Over current
 - Short circuit
- Weather protected
- 3 strings in 3 strings out
- Screw terminals



Voltage & Current	
Voltage	1000 Vdc max
Current	3x30A max (10-30A option)
Number of strings	3
Current protection	
Short circuit protection	Dual input gPV fuses
Overcurrent protection	-"-
Blown fuse indicator	No
Surge protection	
Surge protection	Type 1+2
Impulse currents Iimp/Itotal	6.25/12.5 kA (10/350µs)
Protection modes	Common/Differential mode
Protection level +/- (8/20µs)	4.6 kV
Protection level +/-PE (8/20µs)	2.6 kV
Replace signal	Visual indicator + remote signaling contact
Cable entry	
3x Input + / - / GND	Screw terminals: 2-20mm ²
3x Output + / - / GND	Screw terminals: 1-4mm ²
Mechanical data	
Weight	3 kg
Width	403 mm
Height	333 mm
Depth	400 mm
Enclosure	IP 65 / UL94V0
Operation temperature	-25°C => +70°C
-"- mean value 24h	+55°C max
Safety	EN/IEC 60950, class 1
Flammability class	UL94V0

*All data preliminary, subject to change.

