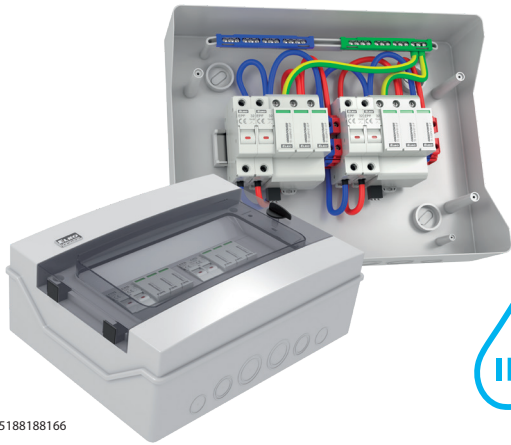


SPD-PV-21 | Surge protection box for PV



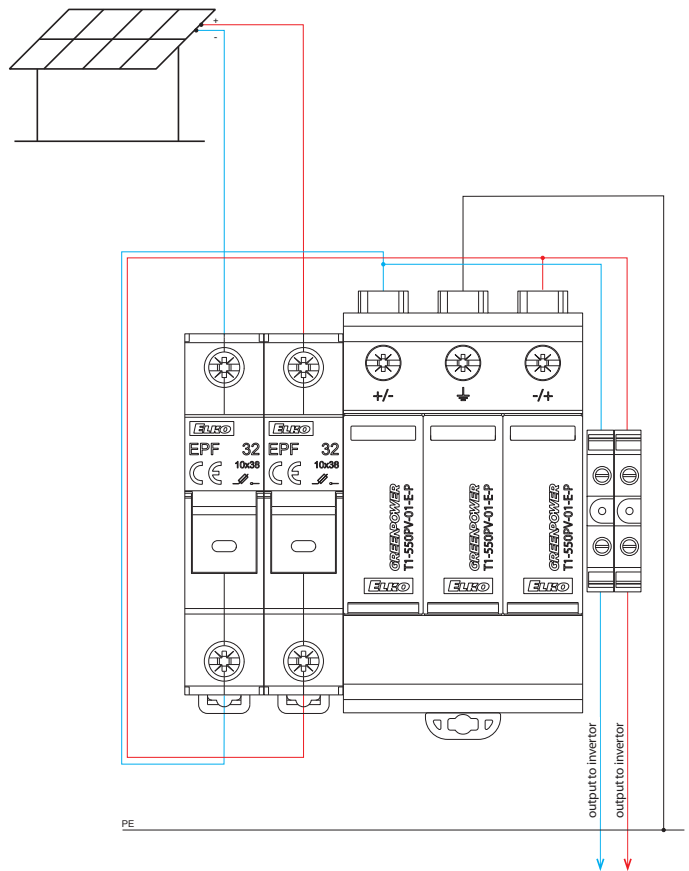
EAN
SPD-PV-21: 8595188188166

Technical parameters		SPD Green Power T2-1100PV-3+0
UCPV (+)-PE, (-)-PE, (+)-(-):		1100 V
In (8/20) / Iimp (10/350):		20 kA
I _{Total} (8/20) / (10/350):		50 kA
I _{max} (8/20):		40 kA
U _p (+)-PE, (-)-PE, (+)-(-):		3800 V
ISCPV:		11 kA
SPD Failure Mode:		Open Circuit Failure Mode (OCFM)
Type of PV systems:		Not earthed / earthed
Ta:		-40 °C to +50 °C

Technical parameters		Fuse disconnecter EPF-32-1P and fuses
UCPV:		1000 V DC
Rated current I _o :		15 A
Diameter of fuses:		10x38
Other parameters of box:		
Rated insulation voltage:		1000 V DC
Rated impulse withstand tension:		8,0 kV
Types of system grounding:		TN-S (DC)
Installation type:		inside
Intended for use by persons:		knowledgeable person
External box:		on-wall
Protection against mechanical impacts:		IK 07
Construction type:		solid parts
Type of device securing the front in short:		fuse
Measures to protect against electric shock by current:		automatic disconnection from the source, double insulation
Operating temperature:		-20 to +50 °C
Storage temperature:		-30 to +70 °C
Working position:		any, (door open IP20)
Protection of box:		IP 65
Degree of pollution:		2
Dimensions:		330 x 260 x 138 mm
Weight:		3010 g
Related standards:		IEC 61439-1, IEC 61439-2, attach. DD

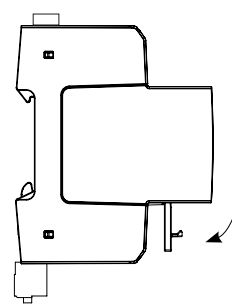
- Complete DC surge protection wall distribution box SPD-PV-21 will provide the necessary protection before a lightning strike for your photovoltaic power plant.
- This plug-and-play solution provides surge protection for both buildings without external lightning protection, as well as with external protection.
- Universal solution for a 2-string installation (2x MPPT).
- Supplied as a wired kit, which makes installation quick and easy.
- The switchboard is designed for a maximum voltage of 1000 V.
- It is equipped with 2 surge protection devices T2-1100PV-3+0, which are specially designed for PV protection and 4 fuse disconnectors EPF-32-1P with 4 fuses 10 x 38 gPV 15A / 1000V.
- The protection of the box is IP65.
- The unit is built in a plastic 12-module distribution board with dimensions 330 x 260 x 138 mm.
- Available with 15A or 12A fuses.

Connection



Plug replacement

STEP 1: Unlock



STEP 2: Pull module out

