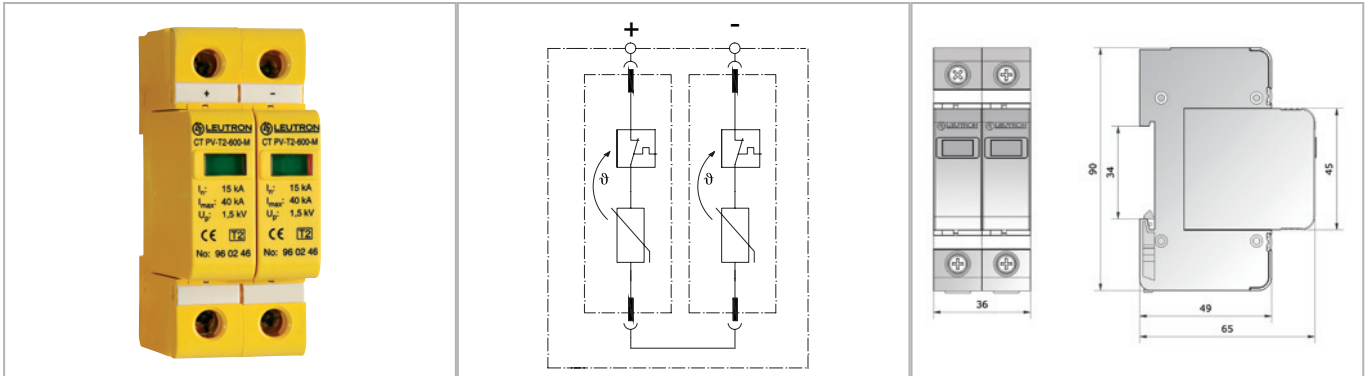


# Datasheet

## Surge protection for power supply systems

### SPD type 2 for DC power supplies (Photovoltaic application)



Fully pluggable surge protective arrester for the use in photovoltaic applications. Suitable fuse-free earthed photovoltaic applications with system voltages up to 600 V DC.

- Applicable at the boundaries LPZ 0B - 1 and higher
- Test standard: IEC 61643-1 / EN 61643-11
- Vibration test standard: DIN EN 60068-2-6, IEC 60068-2-6
- Shock test standard: DIN EN 60068-2-27, IEC 60068-2-27
- Mounting on 35 mm DIN rail
- Degree of protection according to IEC EN 60529: IP 20
- Inflammability class according to UL 94 V0
- Space required for installation: 36 mm
- Optional remote changeover contact (FM)

Technical Data		CT PV-T2/2-0/600
IEC category/EN type		Type 2 / class II
Open-circuit voltage	UOC max.	≤ 600 V=
Max. continuous operating voltage DC	Uc	600 V=
Max. short-circuit current	ISC max.	tbd.
Nominal discharge current (8/20)	In	15 kA
Max. impulse discharge current (8/20μs)	Imax	40 kA
Protection Level L+-L-	Up	3 kV
Operating temperature range	TU	-40 - +80 °C
Min. conductor cross section at terminals		1.5mm <sup>2</sup> solid/flexible
Max. conductor cross section		35mm <sup>2</sup> stranded/25mm <sup>2</sup> flexible
Dimension (DIN 43880)		2 TE (36 mm)
Composed of: number of moduls		2x 96 02 46

Order Data	
Product	CT PV-T2/2-0/600
Article-No.	96 02 20

Accessories	
Product	CT PV-T2-600-M
Article-No.	96 02 46

Replacement protective plug for DC surge arresters typ 2.