

Overvoltage Protection Module for Solar Supply

High performance surge protective device for low voltage supply voltages



Description

- High performance surge protective device for low voltage supply voltages of nominal 24 V DC
- With built in low - pass Filter
- Unprotected and protected side strictly separated
- Longitudinal and transverse surge voltage protection
- High nominal impulse discharge current of 10x 20 kA (8/20 μ s)
- Operating current up to 6 A DC or AC
- Direct mounting on mounting plate, or click on 35mm DIN rail (EN 50022)
- Maintenance free execution

Specifications

Characteristic	Description / Value
Rated voltage	UC = 24 V DC / 17 AC
Max. operating voltage	Umax = 27 V DC / 20 V AC
Max. operating current	I _{max} = 6A
Protection level line-ground at 1kV/ μ s and I _{sn}	U _{Res} \leq 800 V
Protection level line-line typ. at 1kV/ μ s and I _{sn}	U _{Res} = 37/55
Nominal impulse discharge current (10x at 8/20 μ s)	I _{sn} = 20 kA
Operating temperature range	-25 ... +85 °C
Manufacturer	Leutron

Sensor connection diagram

