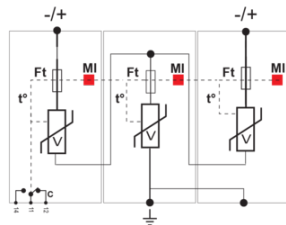
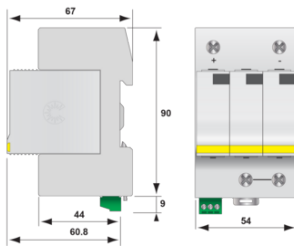




- Type 2 surge protector for PV
- In : 15kA / I_{max} : 40kA
- Pluggable
- Remote signaling
- UL1149 ed.5 certified
- EN 61643-31, NF EN 50539-11 compliant



V: High-energy varistor
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator C: Remote signal contact

Electrical Characteristics

SPD type	2
Network	PV network 1000 Vdc
Nominal PV voltage	U _{ocstc} 1000 Vdc
Max. PV operating voltage	U _{cpv} 1300 Vdc
Residual Current	I _{pe} < 0.1 mA
Leakage current to Ground	
PV Permanent Operating current	I _{cpv} < 0.1 mA
Current consumption at U _{cpv}	
Follow current	I _f None
Nominal discharge current	I _n 20 kA
15 x 8/20 μs impulses	
Max. discharge current	I _{max} 40 kA
max. withstand @ 8/20 μs by pole	
Total Maximum discharge current	I _{max} Total 60 kA
max. total withstand @ 8/20 μs	
Current withstand short circuit PV	I _{scpv} 15 000 A
Connection mode(s)	+/-/PE
Protection level	U _p 4.0 kV
@ I _n (8/20 μs)	

Mechanical Characteristics

Technology	MOV
Connection to Network	By screw terminals: 2.5-25mm ²
Operating temperature	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection SPD of the PV line
Disconnection indicator	3 mechanical indicators
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Weight	0.272 kg

Disconnectors

Thermal disconnector	Internal
Back-up protection device	Without

Standards

Standards compliance	IEC 61643-31 / EN 61643-31 / EN 50539-11 / UL1449 ed.5
Certification	TUV Süd

Part number

480311