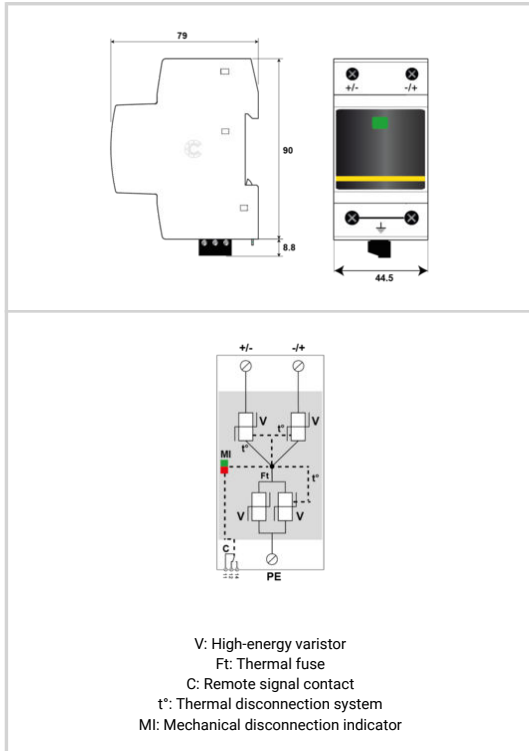




NEW CITEL PV SPD

- ↳ Type 2 surge protector for Photovoltaic
- ↳ CTC Technology
- ↳ Discharge currents I_{max}/I_{total}: 40/60 kA (8/20μs)
- ↳ Common/Differential mode protection
- ↳ Remote signaling
- ↳ IEC 61643-31, EN 61643-31, EN 50539-11, UL1449 ed.5 compliance



Electrical Characteristics	
SPD type	2
Network	PV 1200 Vdc
Nominal PV voltage	U _{ocstc} 1000 Vdc
Max. PV operating voltage	U _{cpv} 1200 Vdc
Residual Current Leakage current to Ground	I _{pe} < 0.1 mA
PV Permanent Operating current Current consumption at U _{cpv}	I _{cpv} < 0.1 mA
Follow current	I _f None
Nominal discharge current 15 x 8/20 μs impulses	I _n 20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 40 kA
Current withstand short circuit PV	I _{scpv} 15 000 A
Connection mode(s)	+/-/PE
Protection level +/- @ I _n (8/20μs)	U _p 4.3 kV
Mechanical Characteristics	
Technology	MOV
Connection to Network	By screw terminals: 2.5-25mm ² (35mm ²) / by bus
Format	Compact monobloc box
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	All pole disconnection from PV network
Disconnection indicator	1 mechanical indicator - Red/Green
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram - 2.5TE (EN43880)
Disconnectors	
Thermal disconnector	CTC Technology integrated
Back-up protection device	Without
Standards	
Standards compliance	IEC 61643-31 / EN 61643-31 / EN 50539-11 / UL1449 ed.5
Part number	
65112102	

