



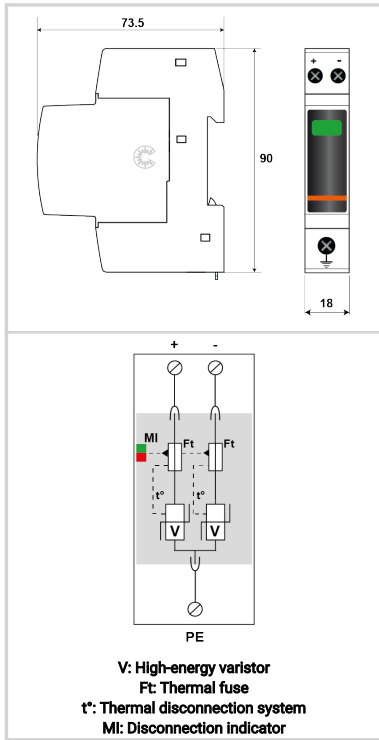
CITEL

DC power surge protector Type 2 -220 Vdc

DDC40C-20-275



- Type 2 DC power surge protector
- Compact design
- I_{max}: 40 kA
- Pluggable module
- Remote signaling (option)
- Low Up protection level
- Compliance prIEC 61643-41 and UL1449 ed.5



Electrical Characteristics		
SPD type	IEC	2
Network		DC network 220 Vdc
Nominal PV voltage	Uocstc	220 Vdc
Max. AC operating voltage	Uc	210 Vac
Max. PV operating voltage	Ucpv	275 Vdc
Max. DC operating voltage	Uc	275 Vdc
Max. load current @25°C	IL	20 A
Residual Current Leakage current to Ground	Ipe	< 0.2 mA
PV Permanent Operating current Current consumption at Ucpv	Icpv	< 0.1 mA
Nominal discharge current 15 x 8/20 μs impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Current withstand short circuit PV	Iscpv	1000 A
Connection mode(s)		+/-/PE
Protection level +/-PE (-/PE) @ In (8/20μs)	Up	900 V
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 1.5-10mm ² (actives wires) and 2.5-25mm ² (ground)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from DC network
Disconnection indicator		1 mechanical indicator - Red/Green
Spare module(s)		MDDC40C-20-275
Remote signaling of disconnection		Option DDC40CS-20-275 : output on changeover contact
Dimensions		See diagram - 1TE (EN43880)
Disconnectors		
Thermal disconnector		Internal
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		prIEC 61643-41 and UL1449 ed.5
Part number		
828410911		

