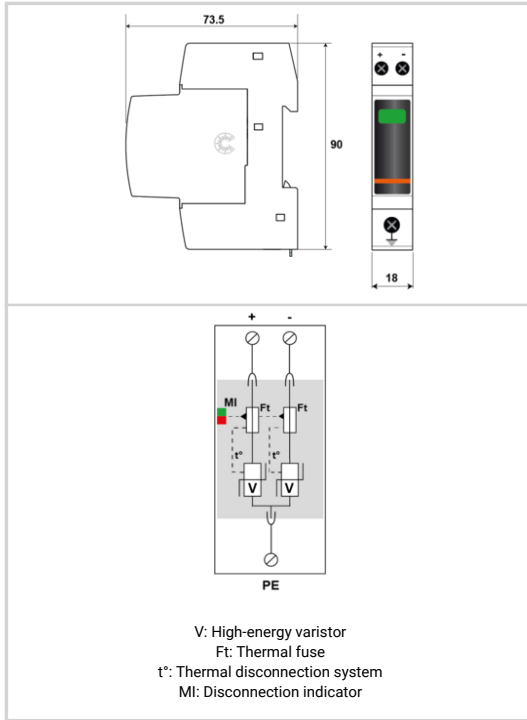


DDC30C-20-65



- Type 2 DC power surge protector
- Compact design
- I_{max} : 30 kA
- Pluggable module
- Remote signaling (option)
- Low Up protection level
- Compliance prIEC 61643-41 et IEC 61643-31



Electrical Characteristics	
SPD type	2
Network	DC network 48 Vdc
Nominal PV voltage	Uocstc 48 Vdc
Max. AC operating voltage	Uc 50 Vac
Max. PV operating voltage	Ucpv 65 Vdc
Max. DC operating voltage	Uc 65 Vdc
Max. load current	IL 20 A
Residual Current Leakage current to Ground	Ipe < 0.1 mA
PV Permanent Operating current Current consumption at Ucpv	Icpv < 0.1 mA
Follow current	If None
Nominal discharge current 15 x 8/20 μs impulses	In 15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max} 30 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total 60 kA
Current withstand short circuit PV	Iscpv 1000 A
Connection mode(s)	+/-/PE
Protection level +/-PE @ In (8/20μs)	Up 300 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
Pluggable	Yes
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Outdoor application	No
Failsafe mode	Disconnection from DC network
Disconnection indicator	1 mechanical indicator - Red/Green
Spare module(s)	MDDC30C-20-65
Remote signaling of disconnection	Option DDC30CS-20-65: output on changeover contact
Dimensions	See diagram - 1TE (EN43880)
Weight	0.100 kg
Disconnectors	
Thermal disconnector	Internal
Fuses	50 A min. - 125 A max. - Fuses Type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number	
828310111	