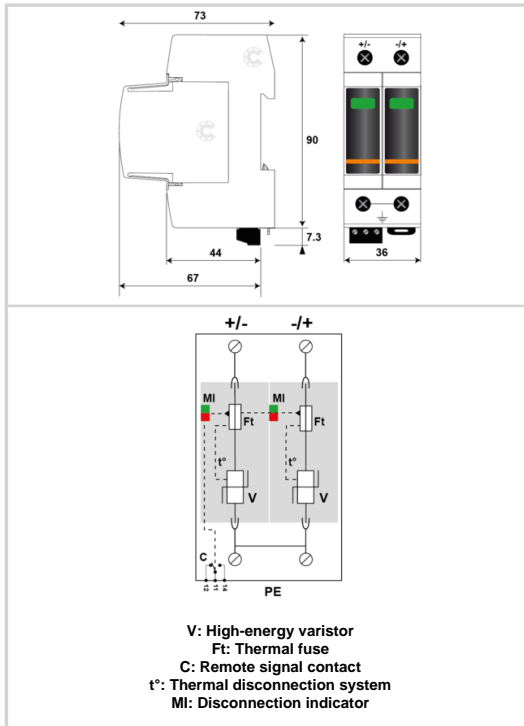


DDC30S-20-85



- Surge protector for DC supplies 2-pole
- Type 1 + 2
- In: 15 kA / I_{max}: 30 kA
- I_{imp}: 4kA
- Pluggable module
- Remote signaling
- prIEC 61643-41 compliance



Electrical Characteristics	
SPD type (following IEC tests)	1+2
Nominal DC voltage	Un-dc 75 Vdc
Max. AC operating voltage	Uc 60 Vac
Max. DC operating voltage	Uc 85 Vdc
Residual Current (Leakage current to Ground)	I _{pe} < 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} 30 kA
Impulse current by pole (max. withstand 10/350μs by pole)	I _{imp} 4 kA
Total lightning current(max. total withstand @ 10/350μs)	I _{total} 60 kA
Connection mode(s)	+/-PE and -/+PE
Protection level +/-PE (-/PE)(@ I _n (8/20μs))	U _p 390 V / 780 V
Admissible short-circuit current	I _{scrr} 50 000 A
Mechanical Characteristics	
Technology	MOV
SPD configuration	2 poles
Connection to Network	Srew terminals: 2.5-25 mm ² +/- : 1.5-10 mm ²
Pluggable	Yes
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	Disconnection from network
Disconnection indicator	2 mechanical indicators - Green/Red
Spare module(s)	MDDC30-85
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 2TE (EN43880)
Disconnectors	
Thermal disconnector	Internal
Fuses	50 A mini. - 125 A max. - Fuses Type gG
Standards	
Standards compliance	prIEC 61643-41
Part number	
828110222	

