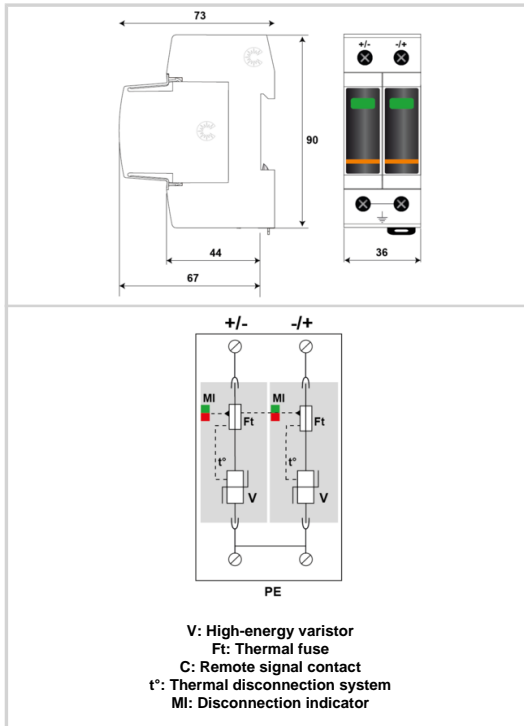


# DDC30-20-85



- Surge protector for DC supplies 2-pole
- Type 1 + 2
- In: 15 kA / I<sub>max</sub>: 30 kA
- I<sub>imp</sub>: 4kA
- Pluggable module
- Remote signaling (option)
- 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 <sub>pe</sub> < 0.1 mA
Follow current	I <sub>f</sub> None
Nominal discharge current (15 x 8/20 μs impulses)	I <sub>n</sub> 20 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I <sub>max</sub> 30 kA
Impulse current by pole (max. withstand 10/350 μs by pole)	I <sub>imp</sub> 4 kA
Total lightning current(max. total withstand @ 10/350 μs)	I <sub>total</sub> 60 kA
Connection mode(s)	+/-PE and -/PE
Protection level +/-PE (-/PE)(@ I <sub>n</sub> (8/20 μs))	Up 390 V / 780 V
Admissible short-circuit current	I <sub>sc</sub> 50 000 A
Mechanical Characteristics	
Technology	MOV
SPD configuration	2 poles
Connection to Network	Srew terminals: 2.5-25 mm <sup>2</sup> +/- : 1.5-10 mm <sup>2</sup>
Pluggable	Yes
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 AC network
Disconnection indicator	2 mechanical indicators - Green/Red
Spare module(s)	MDDC30-85
Remote signaling of disconnection	Option DDC30S-20-85: output on changeover contact
Wiring for remote signaling	1.5 mm <sup>2</sup> max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 2TE (EN43880)
Weight	0.180 kg
Disconnectors	
Thermal disconnector	Internal
Fuses	50 A mini. - 125 A max. - Fuses Type gG
Standards	
Standards compliance	prIEC 61643-41
Part number	
<b>828110212</b>	

