



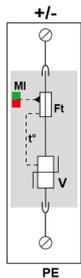
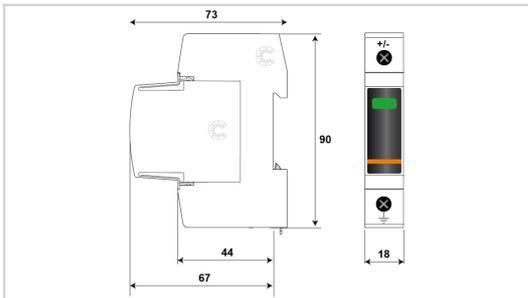
CITEL

1-pole Type 1 and Type 2 SPD for 48 Vdc

DDC30-10-65



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



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics			
SPD type	IEC	1+2	
Nominal DC voltage	Un-dc	48 Vdc	
Max. AC operating voltage	Uc	50 Vac	
Max. DC operating voltage	Uc	65 Vdc	
Residual Current Leakage current to Ground	I _{pe}	< 0.2 mA	
Follow current	I _f	None	
Nominal discharge current 15 x 8/20 μs impulses	I _n	15 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 or -/PE	
Protection level +/PE (-/PE) @ I _n (8/20μs)	U _p	300 V / -	
Admissible short-circuit current	I _{sc}	50 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		Single phase	
Connection to Network		Srew terminals: 2.5-25mm ² +/- 1.5-10mm ²	
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 AC network	
Disconnection indicator		1 mechanical indicator - Red/Green	
Spare module(s)		MDDC30-65	
Remote signaling of disconnection		Option DDC30S-10-65: 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 - 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	
Part number			
828110111			

