



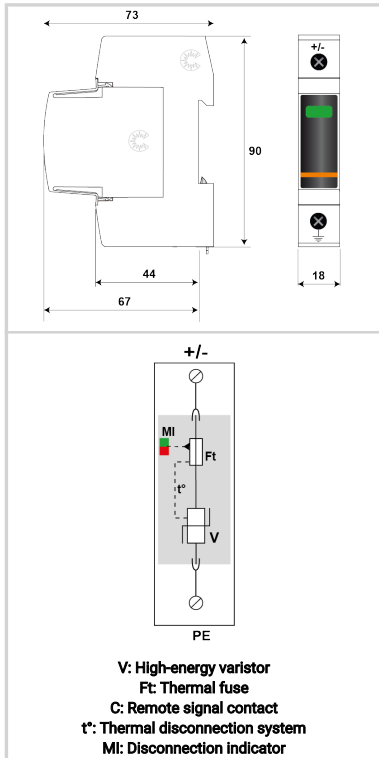
CITEL

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 / Imax: 30 kA
- › Iimp: 4kA
- › Pluggable module
- › Remote signaling (option)
- › prIEC 61643-41 compliance



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 <i>Leakage current to Ground</i>	Ipe	< 0.2 mA
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	15 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	30 kA
Impulse current by pole <i>max. withstand 10/350μs by pole</i>	Iimp	4 kA
Total lightning current <i>max. total withstand @ 10/350μs</i>	Itotal	60 kA
Connection mode(s)		+/PE or -/PE
Protection level +/PE (-/PE) <i>@ In (8/20μs)</i>	Up	300 V / -
Admissible short-circuit current	Iscrr	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	Tu	-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		

