



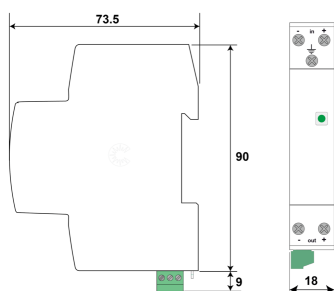
CITEL



Compact Type 2 (or 3) DC surge protector - 65 V - Monobloc

DDCN06S-21YG-65

- DC Power Type 2+3 SPD
- 2-port configuration (series mounting)
- Compact and Cost effective
- In/Imax: 2 kA/6 kA
- Max. load current: 25A
- Disconnection + AC line cut
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



V: High-energy varistor
GSG: Specific Gas Tube
LED: Disconnection indicator
Ft: Thermal fuse
t*: Thermal disconnection system
C : Remote signaling contact

Electrical Characteristics			
Nominal DC voltage	Un-dc	48 Vdc	
Max. DC operating voltage	Uc	65 Vdc	
Max. load current @25°C	IL	25 A	
Residual Current	Ipe	None	
Leakage current to Ground			
Nominal discharge current 15 x 8/20 µs impulses	In	2 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	6 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	4 kV	
Connection mode(s)		+/-/PE	
Protection level +/- @ In (8/20µs)	Up	0.5 kV	
Protection level +/-PE (-/PE) @ In (8/20µs)	Up	0.8 kV	
Admissible short-circuit current	Iscrr	10 000 A	
Mechanical Characteristics			
SPD configuration		Single phase	
Connection to Network		By screw terminals: 1.5-10mm²	
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 DC network	
Disconnection indicator		Green LED OFF	
Remote signaling of disconnection		output on NC contact	
Dimensions		See diagram - 1TE (EN43880)	
Weight		0.089 kg	
Disconnectors			
Thermal disconnector		Internal	
Back-up protection device		Fuses type gG - 25A	
Standards			
Standards compliance		IEC 61643-11 / prIEC 61643-41	
Part number			
70134052			

