



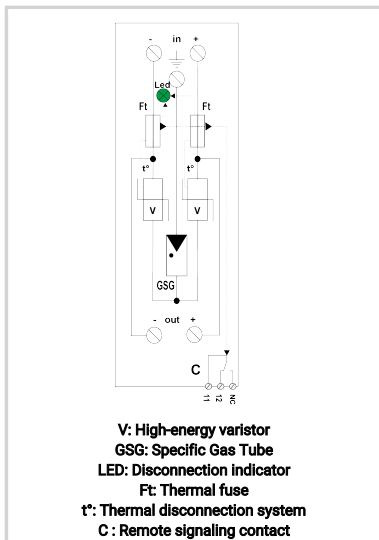
CITEL

Compact Type 2 (or 3) DC surge protector - 30 V - Disconnection and AC line cut-off

DDCN03S-L21YG-30



- DC Power Type 2 (or 3) SPD
- 2-port configuration (series mounting)
- Compact and Cost effective
- In/Imax: 1.5 kA/ 3 kA
- Max. load current: 16A
- Disconnection
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics

Nominal DC voltage	Un-dc	24 Vdc
Max. DC operating voltage	Uc	30 Vdc
Max. load current @25°C	IL	16 A
Residual Current	Ipe	None
Leakage current to Ground		
Nominal discharge current 15 x 8/20 μs impulses	In	1.5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	3 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	3 kV
Connection mode(s)		+/-/PE
Protection level +/- @ In (8/20μs)	Up	0.2 kV
Protection level +/-PE (-/PE) @ In (8/20μs)	Up	0.8 kV
Admissible short-circuit current	Iscrr	10 000 A

Mechanical Characteristics

Connection to Network		By screw terminals: 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 and AC line cut-off
Disconnection indicator		Green LED OFF
Remote signaling of disconnection		output on NC contact
Dimensions		See diagram - 1TE (EN43880)

Disconnectors

Thermal disconnecter		Internal
Back-up protection device		Fuse type gG - 16 A

Standards

Standards compliance		IEC 61643-11 / prIEC 61643-41
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Part number

70125042

