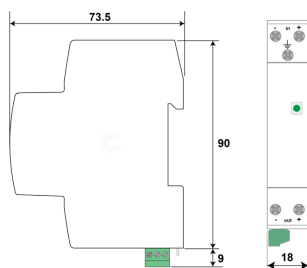


DDCN03S-L21YG-30



- ✦ DC Power Type 2 (or 3) SPD
- ✦ 2-port configuration (series mounting)
- ✦ Compact and Cost effective
- ✦ I_n/I_{max} : 1.5 kA/ 3 kA
- ✦ Max. load current: 16A
- ✦ Disconnection
- ✦ 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	24 Vdc
Max. DC operating voltage	Uc	30 Vdc
Max. load current @25°C	IL	16 A
Residual Current Leakage current to Ground	Ipe	None
Nominal discharge current 15 x 8/20 μ s impulses	In	1.5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I _{max}	3 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	3 kV
Connection mode(s)		+/-/PE
Protection level +/- @ In (8/20 μ s)	Up	0.2 kV
Protection level +/-PE (-/PE) @ In (8/20 μ s)	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)
Weight	0.092 kg

Disconnectors

Thermal disconnector	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