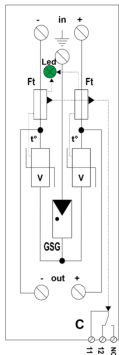


DDCN03S-L21YG-30



- ✦ 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



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 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)
Weight		0.092 kg
Disconnectors		
Thermal disconnecter		Internal
Back-up protection device		Fuse type gG - 16 A
Standards		
Standards compliance		IEC 61643-11 / prIEC 61643-41
Part number		
70125042		