

DACN10-11-275



- Cost effective single-phase surge protector
- Type 2 or 3 monobloc compact
- In/Imax: 5 kA/10 kA
- Max. load current: 25A
- 2-port configuration (series mounting)
- Remote signaling (option)
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



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

Electrical Characteristics

SPD type	2 (or 3)
Network	230 V single-phase
AC system	TT-TN
Max. AC operating voltage	Uc 275 Vac
Max. load current	IL 25 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT 1200 V/300A/200 ms breaker disconnection
Residual Current Leakage current to Ground	Ipe None
Nominal discharge current 15 x 8/20 µs impulses	In 5 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax 10 kA
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total 20 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc 10 kV
Protection level L/N @ In (8/20µs)	Up L/N 1.1 kV
Protection level N/PE @ In (8/20µs)	Up N/PE 1.5 kV
Admissible short-circuit current	Iscrr 10 000 A

Mechanical Characteristics

SPD configuration	Single phase
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 from AC network
Disconnection indicator	Green LED OFF
Remote signaling of disconnection	option DACN10S-11-275
Dimensions	See diagram - 1TE (EN43880)
Weight	0.090 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	Fuses type gG - 25A

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
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Part number

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