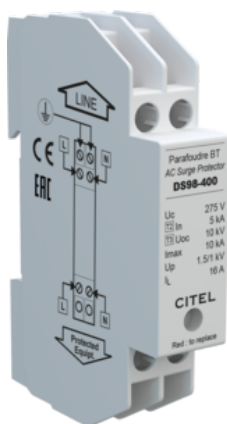




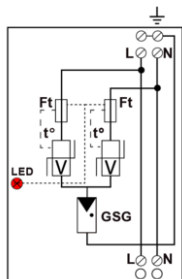
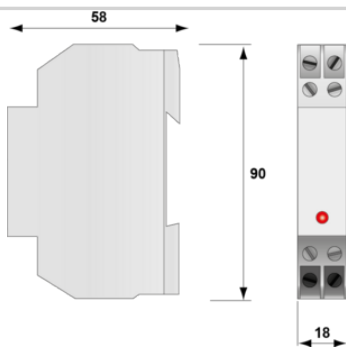
CITEL

Compact single-phase type 2 (or 3) surge protector - Monobloc

DS98-400



- Discover our latest innovation : the [DACN10-21YG-275](#)
- Cost effective single-phase surge protector
- Type 2 (or 3) monobloc
- In : 5 kA
- I_{max} : 10 kA
- Common/Differential mode
- Series or parallel wiring
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



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

Electrical Characteristics

SPD type	2 (or 3)
Network	230 V single-phase
AC system	TN
Nominal line voltage	Un 230 Vac
Max. AC operating voltage	Uc 275 Vac
Max. load current @25°C	IL 16 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
Residual Current Leakage current to Ground	Ipe None
Follow current	If None
Nominal discharge current 15 x 8/20 µs impulses	In 5 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max} 10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc 10 kV
Withstand on overvoltages IEEE C62.41.1	10 kV
Protection mode(s)	Common/Differential mode
Protection level L/N @ In (8/20µs)	Up L/N 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: 2.5mm² max.
Format	Monobloc modular box
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	Red light on
Remote signaling of disconnection	option DS98S-400
Dimensions	See diagram

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 20A

Standards

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

Part number

3509011

