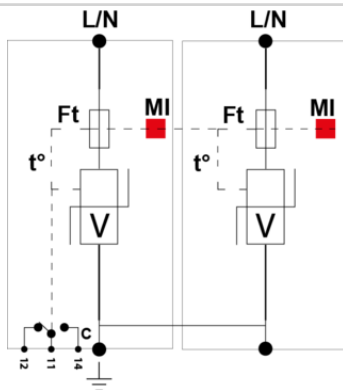
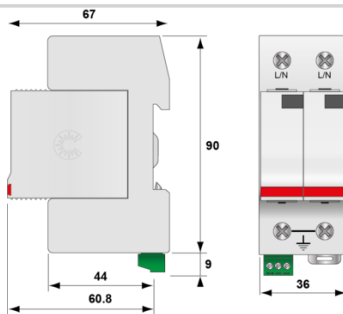


DS42S-400



- Type 2 AC Multipolar surge protector
- In : 20 kA
- I_{max} total : 80 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, CEI 61643-11 compliance
- UL1449 ed.20



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

Network	230 V single-phase
AC system	IT
Max. AC operating voltage	Uc 440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT 580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT 770 Vac disconnection
Residual Current (Leakage current to Ground)	I _{pe} < 1 mA
Follow current	I _f None
Nominal discharge current (15 x 8/20 µs impulses)	I _n 20 kA
Connection mode(s)	L/PE and N/PE
Residual voltage at 5 kA (@ 5 kA (8/20µs))	Up-5kA 1.3 kV
Protection level L/PE (@ I _n (8/20µs))	Up L/PE 1.8 kV
Admissible short-circuit current	I _{sc} 25 000 A

Mechanical Characteristics

SPD configuration	Single phase
Format	Plug-in modular box
Failsafe mode	Disconnection
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-400
Remote signaling of disconnection	Output on changeover contact

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	Fuses type gG - 50 A

Standards

Certification	UL Listed / EAC / TÜV
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Part number

461421