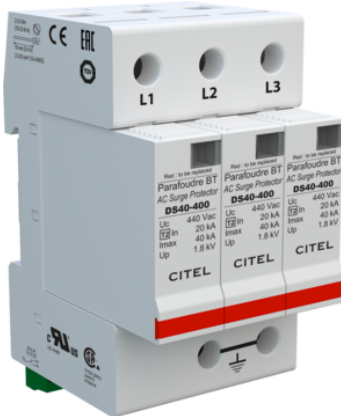
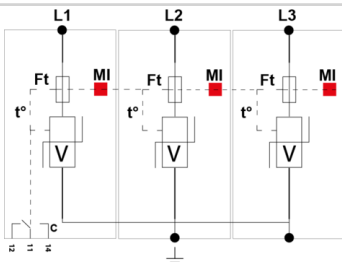
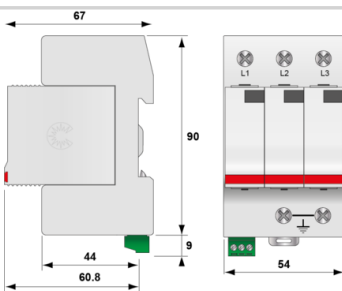


DS43S-400



- Type 2 AC Multipolar surge protector
- In : 20 kA
- I_{max} total : 120 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.4



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

Electrical Characteristics

Network	230/400 V 3-phase
AC system	IT
Max. AC operating voltage	U _c 440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	U _T 580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	U _T 770 Vac disconnection
Residual Current (Leakage current to Ground)	I _{pe} < 1.5 mA
Follow current	I _f None
Nominal discharge current (15 x 8/20 µs impulses)	I _n 20 kA
Max. discharge current (max. withstand @ 8/20 µs by pole)	I _{max} 40 kA
Connection mode(s)	L/PE
Protection mode(s)	Common mode
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} 25000 A

Mechanical Characteristics

SPD configuration	3-phase
Connection to Network	By screw terminals: 2.5-25 mm ² / by bus
Format	Plug-in modular box
Mounting	Symmetrical rail 35 mm (DIN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	T _u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-400
Remote signaling of disconnection	Output on changeover contact
Weight	0.286 kg

Disconnectors

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

Standards

Certification	UL / EAC / TÜV
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Part number

461423