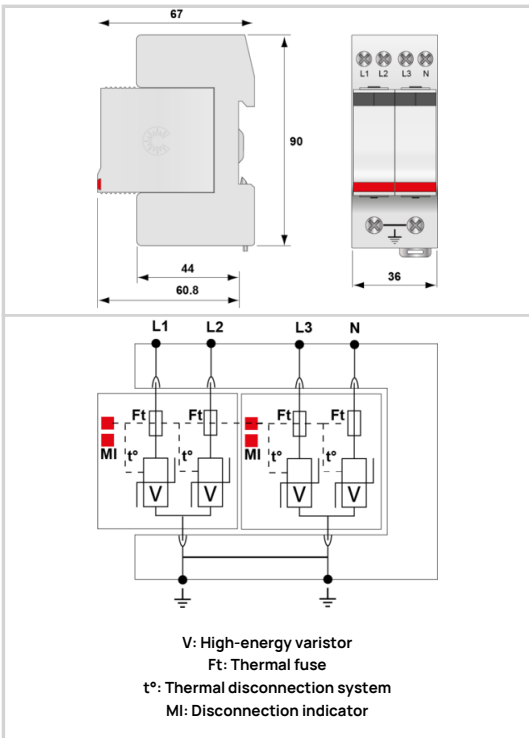


DS440-400



- ↳ Compact 3-Phase Type 2 surge protector
- ↳ In : 20 kA
- ↳ Imax : 40 kA
- ↳ Common mode
- ↳ Pluggable module
- ↳ Remote Signaling contact option
- ↳ EN 61643-11, IEC 61643-11, UL1449 ed.4 compliance



Electrical Characteristics		
SPD type (following IEC tests)		2
Network		230/400 V 3-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)	Ipe	< 0.5 mA
Follow current	If	None
Nominal discharge current (15 x 8/20 μs impulses)	In	20 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	40 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Residual voltage at 5 kA (@ 5 kA (8/20μs))	Up-5kA	1.3 kV
Protection level L/PE (@ In (8/20μs))	Up L/PE	1.8 kV
Admissible short-circuit current	Iscrc	10 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		by screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		4 mechanical indicators
Spare module(s)		DSM440-400
Remote signaling of disconnection		Option DS440S-400 : output on changeover contact
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A mini. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		EAC
Part number		
311402		