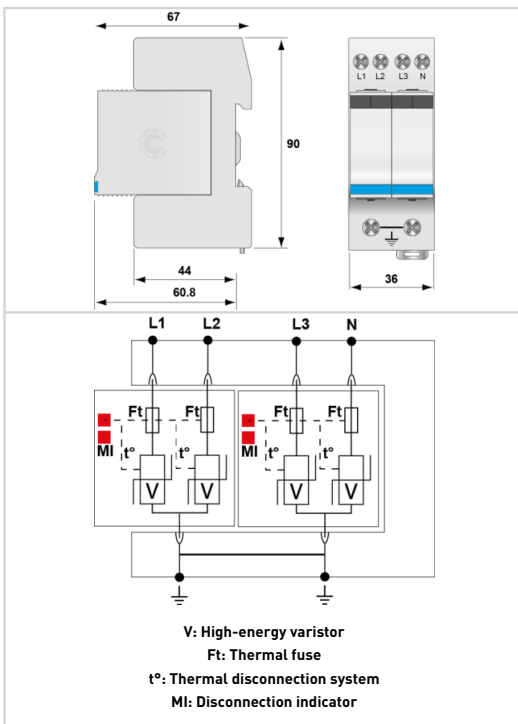




DS415-120



- Compact 3-phase+N type 2 (or 3) surge protector
- I_n : 5 kA
- I_{max} : 15 kA
- Common mode
- Pluggable module
- Remote signaling option
- EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



Caractéristiques Électriques	
SPD type (following IEC tests)	2 (ou 3)
Network	120/208 V 3-phase
AC system	TN
Max. AC operating voltage L-N	U_c 150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT 180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT 230 Vac disconnection
Residual Current (Leakage current to Ground)	I_{pe} < 0.5 mA
Operating current (Continuous current at U_c)	I_c 0.5 mA
Follow current	I_f None
Nominal discharge current (15 x 8/20 μ s impulses)	I_n 5 kA
Max. discharge current (max. withstand @ 8/20 μ s by pole)	I_{max} 15 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50 μ s - 8/20 μ s)	U_{oc} 10 kV
Withstand on overvoltages IEEE C62.41.1	10 kV
Connection mode(s)	L/N and N/PE
Protection mode(s)	Common mode
Residual voltage at 5 kA (@ 5 kA (8/20 μ s))	U_p -5kA 0.6 kV
Protection level CM/DM (@ I_n (8/20 μ s))	U_p mc/md 0.6 kV
Admissible short-circuit current	I_{scrr} 10 000 A
Caractéristiques Mécaniques	
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-V0
Operating temperature	T_u -40/+85°C
Protection rating	IP22
Failsafe mode	Disconnection
Disconnection indicator	4 mechanical indicators
Spare module(s)	DSM415-120
Remote signaling of disconnection	Option DS415-120 : output on changeover contact
Déconnecteurs associés	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	20 A min. - 125 A max. - Type gG
Normes	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification	UL / EAC / TÜV
Code article	
451602	

