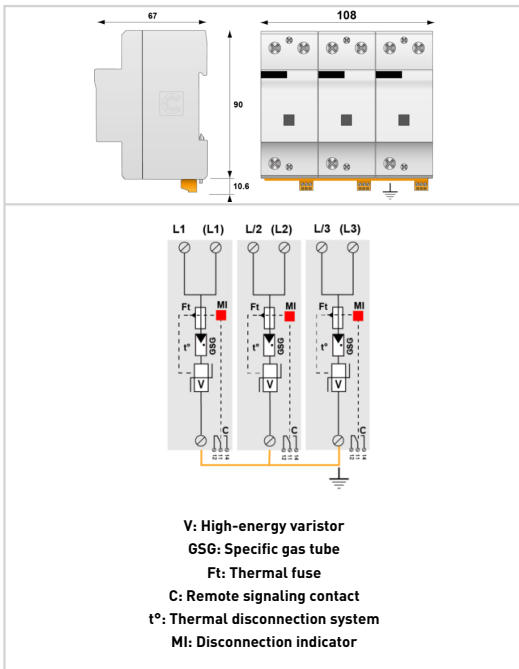


DS253VG-120



- Type 1+2+3 unipolar surge protector
- 25 kA on 10/350µs impulse
- Low voltage Up
- Internal disconnection, status indicator and remote signaling
- Optimized to TOV
- IEC 61643-11 compliance
- UL1449 ed.4 recognition



Caractéristiques Électriques

SPD type (following IEC tests)		1+2+3
Network		120/208 V 3-phase
AC system		TNC
Max. AC operating voltage L-N	Uc	150 Vac
Max. load current(if series connection)	IL	100 A
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 withstand
Residual Current(Leakage current to Ground)	Ipe	None
Follow current	If	None
Nominal discharge current (15 x 8/20 µs impulses)	In	30 kA
Max. discharge current(max. withstand @ 8/20 µs by pole)	Imax	70 kA
Impulse current by pole (max. withstand 10/350µs by pole)	Iimp	25 kA
Total lightning current(max. total withstand @ 10/350µs)	Itotal	75 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50µs - 8/20µs)	Uoc	6 kV
Withstand on overvoltages IEEE C62.41.1		20 kV
Specific energy by pole(max. withstand 10/350 µs)	W/R	156 kJ/ohm
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Residual voltage (@ In [8/20 µs])	Up-in	0.7 kV
Protection level L/PE (@ In [8/20µs])	Up L/PE	1 kV
Admissible short-circuit current	Iscrr	50000 A

Caractéristiques Mécaniques

Technology		VG
SPD configuration		3-phase
Connection to Network		By screw terminals : 6-35 mm ² / by bus
Format		1-pole modular box assembled
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		1 mechanical indicator by pole
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram

Déconnecteurs associés

Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses type gG - 315 A

Normes

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		UL / EAC / TÜV

Code article

3959

