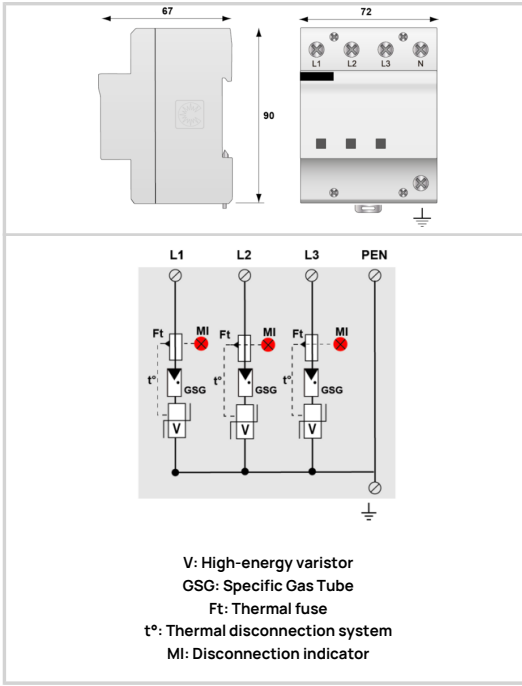




- Type 1+2+3, 3-phase surge protector
- Common and differential mode
- Very compact monobloc enclosure
- Iimp by pole/total : 25kA
- Internal disconnection, status indicator
- Optimized to TOV
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance



Electrical Characteristics		
SPD type (following IEC tests)		1+2+3
Network		230/400 V 3-phase
AC system		TNC
Max. AC operating voltage	Uc	255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	440 Vac withstand
Residual Current (Leakage current to Ground)	Ipe	None
Follow current	If	None
Nominal discharge current (15 x 8/20 μs impulses)	In	40 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I <sub>max</sub>	100 kA
Impulse current by pole (max. withstand 10/350 μs by pole)	I <sub>imp</sub>	25 kA
Total lightning current (max. total withstand @ 10/350 μs)	I <sub>total</sub>	75 kA
Withstand on Combination waveform IEC 61643-11 (Class III test: 1.2/50 μs - 8/20 μs)	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/PEN
Protection mode(s)		Common mode
Protection level L/PE (@ In (8/20 μs))	Up L/PE	1.5 kV
Admissible short-circuit current	I <sub>scrr</sub>	50 000 A
Mechanical Characteristics		
Technology		VG
SPD configuration		3- phase
Connection to Network		By screw terminals : 6-35 mm <sup>2</sup> / by bus
Format		Multipolar modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Disconnection indicator		3 mechanical indicators by pole
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Disconnectors		
Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuse assembly: SFD1-25-30S / or Fuses Type gG 315 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		EAC
Part number		
<b>3588</b>		

