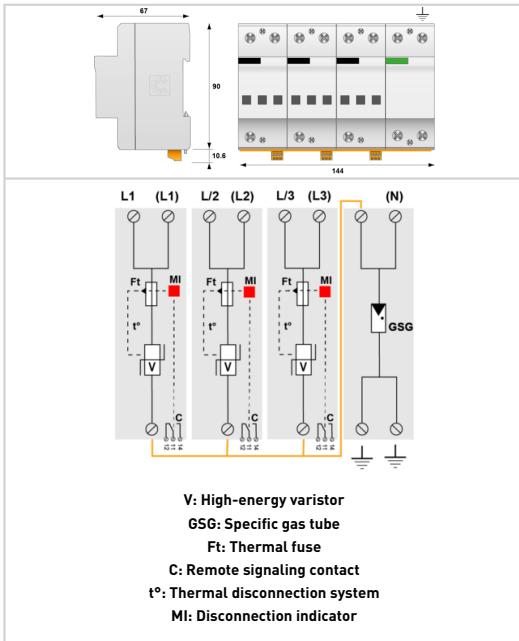


# DS254E-300/G



- Type 1 + 2 unipolar surge protector
- Iimp total: 100 kA on 10/350µs impulse
- I<sub>max</sub> : 140 kA on 8/20µs impulse
- Internal disconnections, status indicators
- Remote signaling
- IEC 61643-11, EN 61643-11 and UL1449 ed.4 compliance



Caractéristiques Électriques		
SPD type (following IEC tests)		1+2
Network		230/400 V 3-phase+N
AC system		TT-TNS
Max. AC operating voltage L-N	Uc	330 Vac
Max. load current(if series connection)	IL	100 A
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 disconnection
Temporary Over Voltage N/PE (TOV HT) (Without disconnection or with safety disconnection)	UT	1200 V/300A/200 ms withstand
Residual Current(Leakage current to Ground)	I <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current (15 x 8/20 µs impulses)	I <sub>n</sub>	70 kA
Max. discharge current(max. withstand @ 8/20 µs by pole)	I <sub>max</sub>	140 kA
Impulse current by pole (max. withstand 10/350µs by pole)	I <sub>imp</sub>	25 kA
Total lightning current(max. total withstand @ 10/350µs)	I <sub>total</sub>	100 kA
Specific energy by pole( max. withstand 10/350 µs )	W/R	156 kJ/ohm
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Protection level L/N (@ I <sub>n</sub> 8/20µs)	U <sub>p</sub> L/N	2.5 kV
Admissible short-circuit current	I <sub>sc</sub>	50000 A
Caractéristiques Mécaniques		
Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals : 6-35 mm <sup>2</sup> / by bus
Format		1-pole modular box assembled
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		3 mechanical indicators by pole
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Déconnecteurs associés		
Thermal disconnector		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		EAC
Code article		
<b>3411</b>		

