

Type 1 + 2 and Type 1+ 2 + 3 Surge Protectors

Type 1+2 and Type 1+2+3 surge protectors are heavy duty devices, designed to be installed at the origin of the AC installations equipped with LPS (Lightning Protection System). They are necessary to protect sensitive equipment connected to AC network against direct and indirect effects of lightning. Following the different national electrical codes, these SPDs can be recommended or mandatory.

Several mechanical formats are available to meet the needs of the user: Enclosures unipolar assembled, monobloc or equipped with pluggable modules.

These multipolar SPDs are using 2 different technologies :

- DS250VG, DS130VG, DUT250VG : «VG» technology,
- DS500E, DS250E, DS130R : «MultiMOV» technology.

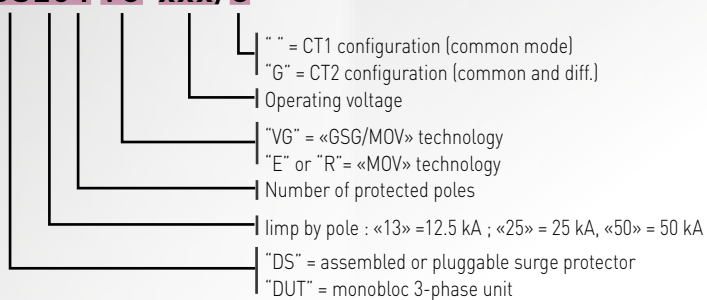
These surge protectors are available in a wide range of versions to be adaptable to all configurations :







- Iimp by pole : 12.5, 25 and 50 kA
- Total Iimp : up to 100 kA
- Single, 3 or 3-Phase+Neutral AC network
- 230/400 V, 120/208 V and 690 V AC network
- All AC system types
- Common mode protection (CT1 configuration) or Common and Differential mode protection (CT2 configuration)



Part number information

DS254 VG-xxx/G



Range		Description	limp by pole (10/350 μs)	Characteristics	Page
DS250VG		1-pole reinforced surge protector - VG Technology	25 kA	Very high energy Very high efficiency	29
DS250E		1-pole reinforced surge protector - VG Technology	25 kA	Very high energy	31
DS500E		1-pole reinforced surge protector	50 kA	Very high energy	33
DUT250VG		3-phase surge protector VG Technology	25 kA	Compact Very high energy Very high efficiency	36
DS130VG		Pluggable surge protector VG Technology	12,5 kA	Compact Pluggable Very high efficiency	37
DS130R		Pluggable surge protector	12,5 kA	Compact Pluggable	39