

SPD Cabinets

LV – Single phase and 3 Phases + Neutral

- Pre-wired SPD cabinet type 1, type 1+2, type 2
- Integrated SPD disconnecter
- End of life indicator light
- Protection in common mode and/or differential
- Compliant with CEI/NF EN 61643-11

Surge protection cabinets are dedicated to 230 / 400V Low Voltage Network (single phase or 3 phases+N). These cabinets are based on the use of Indelec modular SPD. The implementation of these cabinets do not require any additional device, they are equipped with Surge protection device and relevant external protection fuses.



SPD CABINET CT1 MODE		Type 1+2		Type 1+2+3		Type 2	
		1Ph+N	3Ph+N	1Ph+N	3Ph+N	1Ph+N	3Ph+N
Reference		P85240	P85440	P85212J	P85412J	P85245	P85445
SPD included		DSR1-440		DGV 440		DGT2-440	
Max. continuous operating voltage	Uc	440 Vac		440 Vac		440 Vac	
Impulse discharge current per pole	Iimp	12.5 kA		25 kA		NA	
Nominal discharge current	In	20 kA		30 kA		20 kA	
Maximum discharge current	I _{max} 8/20 μ s	50 kA		70 kA		50 kA	
Voltage protection level	Up @ In	1.7 kV		1.5 kV		2 kV	
	Up @ 5kA	1.5 kV		1 kV		1 kV	
Short-circuit current rating	I _{sc} cr	50 000 A		50 000 A		50 000 A	
Integrated fuses		125 A		250 A		50 A	
Type of earthing system network				TNS-IT			

SPD CABINET CT2 MODE		Type 1+2		Type 1+2+3		Type 2	
		1Ph+N	3Ph+N	1Ph+N	3Ph+N	1Ph+N	3Ph+N
Reference		P85243	P85444	P85207J	P85407J	P85246	P85447
SPD included		DSR1-275		DGV 440-DI		DGT2-275	
Max. continuous operating voltage	Uc	275 Vac		255 Vac		275 Vac	
Impulse discharge current per pole	Iimp	12.5 kA		25 kA		NA	
Nominal discharge current	In	20 kA		30 kA		20 kA	
Maximum discharge current	I _{max} 8/20 μ s	50 kA		70 kA		50 kA	
Voltage protection level L/N	Up @ In	1.3 kV		1.5 kV		1.25 kV	
	Up @ 5kA	1.2 kV		1 kV		1.5 kV	
Voltage protection level N/PE	Up @ In	1.5 kV		1.5 kV		1 kV	
	Up @ 5kA	1.2 kV		1 kV		1 kV	
Short-circuit current rating	I _{sc} cr	50 000 A		50 000 A		50 000 A	
Integrated fuses		125 A		250 A		50 A	
Type of earthing system network				TT-TNS			

