

Technical data

Type 2 multipole SPDs

ETITEC V 2T2

		Compact 1-phase Type 2 Surge Protector - 230 V - Pluggable			Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable		
Network		230 V 1-p	230 V 1-p	230 V 1-p	230/400 V 3-phase	230/400 V 3-phase	230/400 V 3-phase
Connection mode		L/PE & N/PE	L/PE & N/PE	L/N & N/PE	L/PE & N/PE	L/PE & N/PE	L/N & N/PE
AC system		IT	TN	TT-TN	IT	TN	TT-TN
Max. AC operating voltage	U_c	440 VAC	255 VAC	255 VAC	440 VAC	255 VAC	255 VAC
Temporary Over Voltage (TOV) Characteristics - 5 sec.	U_T	580 Vac withstand	335 Vac withstand	335 Vac withstand	580 Vac withstand	335 Vac withstand	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn	U_T	770 Vac disconnection	440 Vac disconnection	440 Vac disconnection	770 Vac disconnection	440 Vac disconnection	440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT)	U_T	-	-	1200 V/300A/200 ms withstand	-	-	1200 V/300A/200 ms withstand
Residual current - Leakage current at U_c	I_{pe}	< 1 mA	< 1 mA	x	< 1 mA	< 1 mA	x
Max. Load current (if connection serie)	I_L	20 A	20 A	20 A	-	-	-
Nominal discharge current - 15 x 8/20 μ s impulses	I_n	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Max. discharge current - max. withstand @ 8/20 μ s by pole	I_{max}	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
Protection level CM/DM* @ln (8/20 μ s) and @ 6kV (1.2/50 μ s)	U_p	1,8 kV	1,25 kV	1,5/1,25 kV	1,8 kV	1,25 kV	1,5/1,25 kV
Admissible short-circuit current	I_{scr}	10000 A	10000 A	10000 A	10000	10000 A	10000 A
Associated disconnectors							
Thermal disconnector		internal					
Fuses		Fuses Type gG - 50 A					
Installation ground fault breaker		Type "S" or delayed					
Mechanical characteristics							
Dimensions		see diagram					
Connection to Network		by screw terminals: 1,5-10mm ² (L/N) or 2,5-25mm ² (PE)					
Disconnection indicator		2 mechanical indicators					
Remote signaling of disconnection		output on changeover contact					
Mounting		Symmetrical rail 35 mm (EN60715)					
Operating temperature		-40 ... +85°C					
Protection rating		IP20					
Housing material		Thermoplastic UL94-V0					
Standards compliance		IEC 61643-11 / EN 61643-11					

Dimensions

