

## Type 3 (weak type2) multipole SPDs

ETITEC V 2T3						
Description	Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable			Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable		
Network	230 V single phase	230 V single phase	230 V single phase	230/400 V 3-phase	230/400 V 3-phase	230/400 V 3-phase
Connection mode	L/PE and N/PE	L/PE and N/PE	L/N and N/PE	L/N and N/PE	L/N and N/PE	L/N and 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 $\mu$ s impulses	$I_n$ 5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Max. discharge current - max. withstand @ 8/20 $\mu$ s by pole	$I_{max}$ 15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
Withstand on overvoltages IEEE C62.41.1	$U_{oc}$ 10 kV	10 kV	10 kV	10 kV	10 kV	10 kV
Protection level CM/DM* @ln (8/20 $\mu$ s) and @6kV (1.2/50 $\mu$ s)	$U_p$ 1.3 kV	0.9 kV	1.5/0.9 kV	1.3 kV	0.9 kV	1.5/0.9 kV
Admissible short-circuit current	$I_{scsr}$ 10000 A	10000 A	10000 A	10000 A	10000 A	10000 A
<b>Associated disconnectors</b>						
Thermal disconnector	internal					
Fuses	Fuses Type gG - 20 A					
Installation ground fault breaker	Type "S" or delayed					
<b>Mechanical characteristics</b>						
Dimensions	see diagram					
Connection to Network	by screw terminals: 1,5-10mm <sup>2</sup> (L/N) or 2,5-25mm <sup>2</sup> (PE)					
Disconnection indicator	4 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

