

## Type 2 multipole SPDs

**Description**

- Compact single-phase Type 2 / Compact 3-phase Type 2
- $I_n$  : 20 kA
- $I_{max}$  : 40 kA
- Common/Differential mode
- Pluggable module
- Remote signaling contact (option)
- EN 61643-11 and IEC 61643-11 compliant

**Type designation:**

ETITEC V 2T2 xxx/20 p+c RC

xxx -  $U_c$  voltage (max. AC operating voltage), must be above network voltage.

20 - 20kA( $I_n$  at 8/20 $\mu$ s)

p - number of poles with MOV

c - 0 for MOV at NPE pole, 1 for GDT (TT systems)

RC - remote contact (Change over contact) for fault signalisation



ETITEC V 2T2 255/20 2+0 RC



ETITEC V 2T2 255/20 4+0

New!

**ETITEC V 2T2**

Type	Code No.	$I_n / I_{max}$ (8/20) [kA]	$U_c$ [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC V 2T2 255/20 2+0	002442940	20/40	255	TNC-S	131	1/72
ETITEC V 2T2 440/20 2+0	002442941	20/40	440	TNC-S	131	1/72
ETITEC V 2T2 255/20 1+1	002442942	20/40	255	TT	140	1/72
ETITEC V 2T2 255/20 4+0	002442943	20/40	255	TNC-S	380	1/36
ETITEC V 2T2 440/20 4+0	002442944	20/40	440	TNC-S	380	1/36
ETITEC V 2T2 255/20 3+1	002442945	20/40	255	TT	240	1/36
ETITEC V 2T2 255/20 2+0 RC	002442946	20/40	255	TNC-S	131	1/72
ETITEC V 2T2 440/20 2+0 RC	002442947	20/40	440	TNC-S	131	1/72
ETITEC V 2T2 255/20 1+1 RC	002442948	20/40	255	TT	140	1/72
ETITEC V 2T2 255/20 4+0 RC	002442949	20/40	255	TNC-S	380	1/36
ETITEC V 2T2 440/20 4+0 RC	002442950	20/40	440	TNC-S	380	1/36
ETITEC V 2T2 255/20 3+1 RC	002442951	20/40	255	TT	240	1/36

## Type 2 multipole SPDs

**ETITEC V 2T2**

Description		Compact 1-phase Type 2 Surge Protector - 230 V - Pluggable			Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable		
		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
Network		L/PE & N/PE	L/PE & N/PE	L/N & N/PE	L/PE & N/PE	L/PE & N/PE	L/N & N/PE
Connection mode		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.	$U_1$	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	$U_1$	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)	$U_1$	-	-	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	$I_n$	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Max. discharge current -max. withstand @ 8/20 $\mu$ s by pole	$I_{max}$	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
Protection level CM/DM* @ln (8/20 $\mu$ s) and @ 6kV (1.2/50 $\mu$ 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
<b>Associated disconnectors</b>							
Thermal disconnector		internal					
Fuses		Fuses Type gG - 50 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		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**
