

Type 3 (weak type2) multipole SPDs

Description

- Compact single-phase SPD / Compact 3-phase SPD
- I_n : 5 kA
- I_{max} : 15 kA
- Common/Differential mode
- Pluggable module
- Remote signaling contact (option)
- IEC 61643-11 and EN 61643-11 compliant

Hard-wired AC Surge Protectors

Description - ETITEC L3 255/3/6

- Ultra Compact Type 3 surge protectors for 230 Vac networks
- Mounting on plate or terminal
- Disconnection signaling by buzzer or Led system
- 24 V AC or DC version available
- EN 61643-11, IEC 61643-11 and UL1449 4ed. compliant

Description - ETITEC L3 255/3/10

- Compact Type 2 and 3 surge protectors
- Wall mounting and hard wired connection
- UL1449 4ed. and IP 66
- Status indicators
- EN 61643-11, IEC 61643-11 and UL1449 4ed. compliant

Type designation:

ETITEC V 2T3 xxx/5 p+c RC

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

5 - 5kA(In at 8/20us)

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 L3 255/3/6

These very compact surge protectors can be integrated in the very small volumes of certain lights (linear LEDs).

The surge protection circuit is equipped with an end of life indicator buzzer in order to indicate the disconnection of the surge protector.

New!

ETITEC V 2T3

Type	Code No.	I_n / I_{max} (8/20) [kA]	U_{oc} [kV]	U_c [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC V 2T3 255/5 2+0	002442968	5/15	10	255	TNC-S	104	1/72
ETITEC V 2T3 440/5 2+0	002442969	5/15	10	440	TNC-S	104	1/72
ETITEC V 2T3 255/5 1+1	002442970	5/15	10	255	TT	111	1/72
ETITEC V 2T3 255/5 4+0	002442971	5/15	10	255	TNC-S	218	1/36
ETITEC V 2T3 440/5 4+0	002442972	5/15	10	440	TNC-S	218	1/36
ETITEC V 2T3 255/5 3+1	002442973	5/15	10	255	TT	218	1/36
ETITEC V 2T3 255/5 2+0 RC	002442974	5/15	10	255	TNC-S	104	1/72
ETITEC V 2T3 440/5 2+0 RC	002442975	5/15	10	440	TNC-S	104	1/72
ETITEC V 2T3 255/5 1+1 RC	002442976	5/15	10	255	TT	111	1/72
ETITEC V 2T3 255/5 4+0 RC	002442977	5/15	10	255	TNC-S	218	1/36
ETITEC V 2T3 440/5 4+0 RC	002442978	5/15	10	440	TNC-S	218	1/36
ETITEC V 2T3 255/5 3+1 RC	002442979	5/15	10	255	TT	218	1/36
ETITEC L3 255/3/6	002442987	3/6	6	255	TNC-S 1ph.	20	1/72



ETITEC V 2T3 255/5 3+1



ETITEC L3 255/3/6

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 μs impulses	I _n 5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	
Max. discharge current - max. withstand @ 8/20 μs by pole	I _{max} 15 kA	15 kA	15 kA	15 kA	15 kA	15 kA	
Withstand on overvoltages IEEE C62.41.1	U _{sc} 10 kV	10 kV	10 kV	10 kV	10 kV	10 kV	
Protection level CM/DM* @In (8/20μs) and @ 6kV (1.2/50μs)	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 _{scst} 10000 A	10000 A	10000 A	10000 A	10000 A	10000 A	
Associated disconnectors							
Thermal disconnector	internal						
Fuses	Fuses Type gG - 20 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	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

