

Surge arrester ETITEC V T2

EN/IEC/VDE: T2/II/C

Description

- Type 2 AC surge protector
- I_n : 20 kA
- I_{max} : 40 kA
- Pluggable module for each phase
- Remote signaling option
- IEC 61643-11 and EN 61643-11 compliance
- UL1449 ed.4

Type designation:

ETITEC V T2 xxx/20 p+c RC

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

20 - 20kA(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

New!

ETITEC V T2

Type	Code No.	I_n/I_{max} (8/20) [kA]	U_c [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC V T2 255/20 1+0	002442952	20/40	255	TNC	107	1/72
ETITEC V T2 255/20 2+0	002442953	20/40	255	TNC-S	263	1/36
ETITEC V T2 255/20 1+1	002442954	20/40	255	TT	216	1/36
ETITEC V T2 255/20 3+0	002442955	20/40	255	TNC	319	1/24
ETITEC V T2 255/20 4+0	002442956	20/40	255	TNC-S	420	1/18
ETITEC V T2 255/20 3+1	002442957	20/40	255	TT	431	1/18
ETITEC V T2 255/20 1+0 RC	002442958	20/40	255	TNC	107	1/72
ETITEC V T2 255/20 2+0 RC	002442959	20/40	255	TNC-S	263	1/36
ETITEC V T2 255/20 1+1 RC	002442960	20/40	255	TT	216	1/36
ETITEC V T2 255/20 3+0 RC	002442961	20/40	255	TNC	319	1/24
ETITEC V T2 255/20 4+0 RC	002442962	20/40	255	TNC-S	420	1/18
ETITEC V T2 255/20 3+1 RC	002442963	20/40	255	TT	431	1/18
ETITEC V T2 440/20 1+0 RC	002442964	20/40	440	TNC	107	1/72
ETITEC V T2 440/20 2+0 RC	002442965	20/40	440	TNC-S	263	1/36
ETITEC V T2 440/20 3+0 RC	002442966	20/40	440	TNC	319	1/24
ETITEC V T2 440/20 4+0 RC	002442967	20/40	440	TNC-S	420	1/18



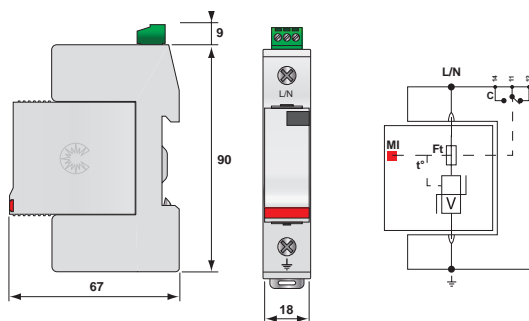
ETITEC V T2 255/20 3+0

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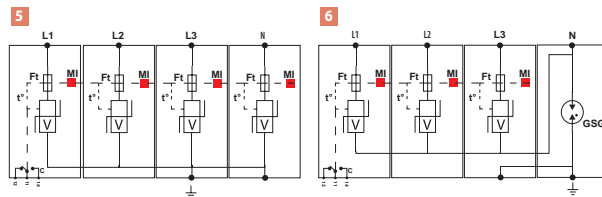
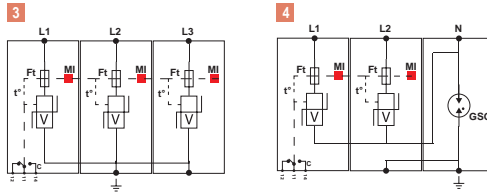
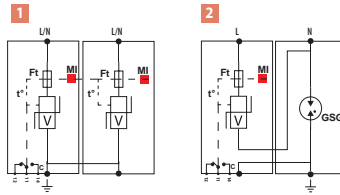
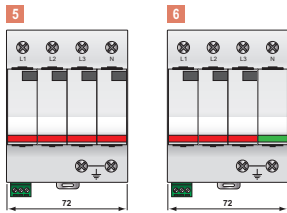
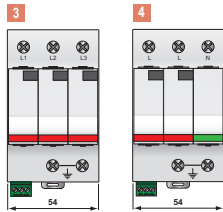
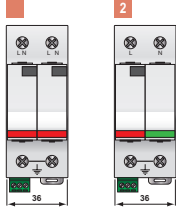
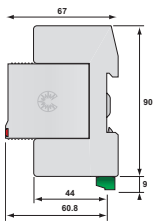
EN/IEC/VDE: T2/II/C

ETITEC V T2			
Type		ETITEC V T2 255	ETITEC V T2 440
Description		Type 2 AC surge protector - one-phase - pluggable	
Network		230/400 V	230/400 V
Max. AC operating voltage	Uc	255 VAC	440 VAC
Temporary Over Voltage (TOV) Characteristics - 5 sec.	UT	335 Vac withstand	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn	UT	440 Vac disconnection	770 Vac disconnection
Residual current - Leakage current at Uc	Ipe	< 1 mA	< 1 mA
Follow current	If	x	x
Nominal discharge current - 15 x 8/20 μ s impulses	In	20 kA	20 kA
Max. discharge current -max. withstand @ 8/20 μ s by pole	I _{max}	40 kA	40 kA
Protection level	Up	1,25 kV	1,8 kV
Admissible short-circuit current	I _{scrr}	25000 A	25000 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: 2,5-25 mm ² / by bus	
Disconnection indicator		1 mechanical indicator	
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



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 Mi: Disconnection indicator



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t²: Thermal disconnection system
 MI: Disconnection indicator