

# ETITEC

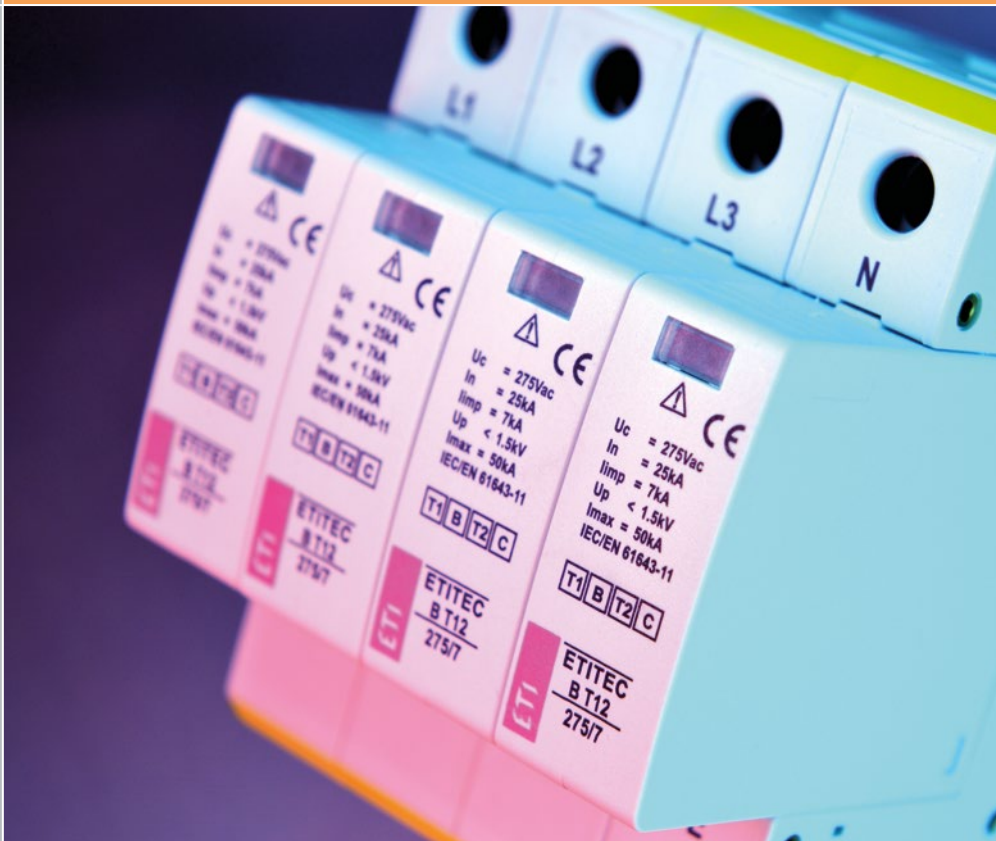
NEW! Surge arresters ETITEC V 526

Surge arresters ETITEC 532

Technical data 537

\*Surge arresters for PV systems are in the Green Protect catalogue

## SURGE ARRESTERS



## NEW! Surge arresters ETITEC V

### Surge arrester ETITEC V T12

EN/IEC/VDE: T1,T2/I,II/B,C

#### Description

- Type 1 + 2 AC power surge protector
- $I_n$  : 20 kA
- $I_{imp}$  : 12,5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11 and IEC 61643-11 compliant

#### Type designation:

ETITEC V T12 xxx/12,5 p+c RC

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

12.5 - 12,5kA( $I_{imp}$  at 10/350 $\mu$ 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 T12 440/12,5 3+1

New!

#### ETITEC V T12

Type	Code No.	$I_{imp}$ (10/350) [kA]	$I_n/I_{max}$ (8/20) [kA]	$U_c$ [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC V T12 280/12,5 1+0	002442900	12,5	20/50	280	TNC	129	1/72
ETITEC V T12 440/12,5 1+0	002442901	12,5	20/50	440	IT	129	1/72
ETITEC V T12 280/12,5 2+0	002442902	12,5	20/50	280	TNC-S	260	1/36
ETITEC V T12 280/12,5 1+1	002442903	12,5	20/50	280	TT	235	1/36
ETITEC V T12 440/12,5 2+0	002442904	12,5	20/50	440	IT	260	1/36
ETITEC V T12 280/12,5 3+0	002442905	12,5	20/50	280	TNC	390	1/24
ETITEC V T12 440/12,5 3+0	002442906	12,5	20/50	440	IT	390	1/24
ETITEC V T12 280/12,5 4+0	002442907	12,5	20/50	280	TNC-S	490	1/18
ETITEC V T12 280/12,5 3+1	002442908	12,5	20/50	280	TT	492	1/18
ETITEC V T12 440/12,5 4+0	002442909	12,5	20/50	440	IT	490	1/18
ETITEC V T12 280/12,5 1+0 RC	002442910	12,5	20/50	280	TNC	129	1/72
ETITEC V T12 440/12,5 1+0 RC	002442911	12,5	20/50	440	IT	129	1/72
ETITEC V T12 280/12,5 2+0 RC	002442912	12,5	20/50	280	TNC-S	260	1/36
ETITEC V T12 280/12,5 1+1 RC	002442913	12,5	20/50	280	TT	235	1/36
ETITEC V T12 440/12,5 2+0 RC	002442914	12,5	20/50	440	IT	260	1/36
ETITEC V T12 280/12,5 3+0 RC	002442915	12,5	20/50	280	TNC	390	1/24
ETITEC V T12 440/12,5 3+0 RC	002442916	12,5	20/50	440	IT	390	1/24
ETITEC V T12 280/12,5 4+0 RC	002442917	12,5	20/50	280	TNC-S	490	1/18
ETITEC V T12 280/12,5 3+1 RC	002442918	12,5	20/50	280	TT	492	1/18
ETITEC V T12 440/12,5 4+0 RC	002442919	12,5	20/50	440	IT	490	1/18

TT configurations: 1+1 and 3+1 housing size (height=82mm)...

Housing size (height=82mm) not compatible with all modular enclosures. It complies only to ECH series and SOLID GSX.

**NOT COMPATIBLE WITH ECG, ECM, ACT and ECT series!**

## 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 -  $U_c$  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

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

## Type 2 multipole SPDs

## Description

- Compact single-phase Type 2 / Compact 3-phase Type 2
- $I_n$  : 20 kA
- $I_{max}$  : 40 kA
- 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 3 (weak type2) multipole SPDs

### Description

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

### 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

#### 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.

#### 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

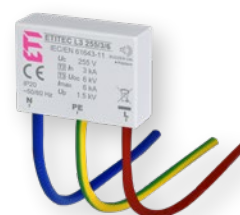
New!

### 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






## LED lighting protection

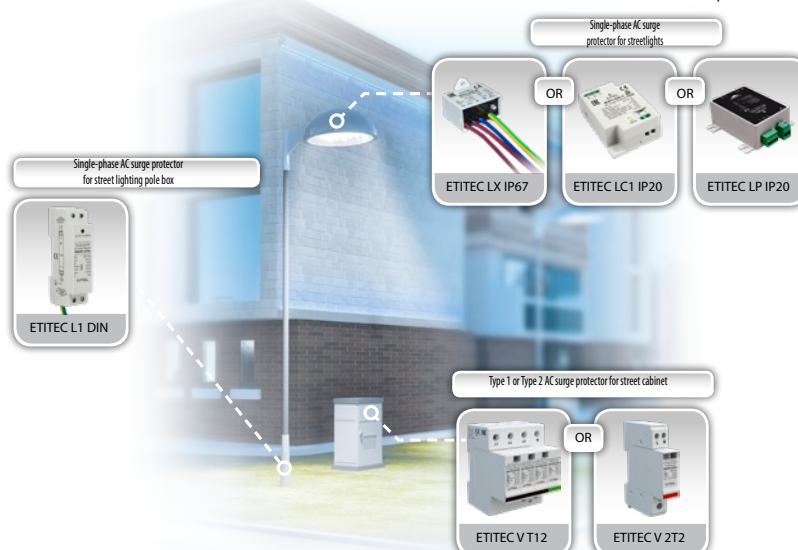
ETITEC LC1 IP20 range is a compact solution surge protectors to be installed in small spaces. These devices are available in 2 types of connectors (screw terminal or spring) and in two orientations wiring (input / output opposite or input / output on the same side) in order to adapt to the installation as much as possible. In cases of extreme aggression, lightning LC1 will be in a state of safe end of life: the indication of failure (disconnection) of the surge protector is performed by the extinction of an indicator and switching off the AC (extinction street luminaire) inform the user of the need for maintenance.

ETITEC LX range is an ultra compact surge protection solution for installation in extremely tight spaces. These surge protectors are available with an output by drivers and fixing bracket. In the end of life of security the LX indicates its failure (disconnection) by the extinction of an indicator and AC power supply switching off (extinction of the candelabra) inform the user of the need for maintenance. They are available in IP67.

ETITEC LP range is a complete range of AC surge protectors specifically designed for the protection of LED lighting systems at the lantern. Many versions have been proposed to meet the various existing configurations : surge protection devices are available in different isolation classes (Class 1, Class 2) and connection type (wire or screw terminal). Some versions are equipped with additional protection for data line option (RS485, DALI, 0-10V) to provide a complete solution for LED systems with control lines. In cases of extreme aggression, the surge protector will be in a state of retirement security: according to the different versions available, an indication of the failure of the surge protector is performed by the extinction of an indicator, a AC power supply failure and / or through a remote signalisation.

ETITEC L1 DIN device is installed inside the bottom of the lighting pole: its very compact dimension allows a easy integration with the connection box, on DIN rail . L1 is based on a powerful association of MOV and GDT components, secured by thermal disconnecter and connection light indicator.

Type	Description	Characteristics	Properties	Network
ETITEC L1 DIN	 DIN surge protector type 2 or 3	Compact. Montage DIN	Type 2+3, CM/DM, mounted in connection box on DIN rail.	
ETITEC LP1 IP20		Hard-wired surge protector type 2 or 3	Remote signaling and data in option	Type 2 + 3, protection class I (GDT to earth), screw terminal.
ETITEC LP2 IP20		Compact, hard-wired surge protector type 2 and type 3	Many configurations	Type 2 + 3, protection class II, screw terminal for double insulated fixtures.
ETITEC LC1 IP20		Ultra-compact hard-wired surge protector type 2+3	Ultra compact IP67 VG Technology	Type 2 + 3, protection class I (GDT to earth), connection cable, IP67.
ETITEC LX1 IP67				Type 2 + 3, protection class II for double insulated fixtures, connection cable, IP67.
ETITEC LX2 IP67				





**ETITEC LC1 IP20**

- Type 2 (or 3) surge protectors for LED lighting
- Very compact
- Plate mounting
- Screw terminal or spring terminal connection
- Status indicator
- End of life AC Disconnection
- IEC 61643-11 and EN 61643-11 compliance

**ETITEC LX**

- Ultra compact Type 2 + 3 surge protector for 230 Vac networks
- For Classe I and Classe II
- Wall mounting and hard wired connection
- Breakable mounting bracket
- Protection rating : IP67
- Disconnection signaling by indicator
- AC disconnection in case of end of life

**ETITEC LP1 and LP2**

- Type 2 (or 3) surge protector
- Class I or Class II configurations
- Comprehensive range for all configurations
- Compact dimensions
- IP65 version
- Combined AC/Dateline version
- Wire connection
- Max. discharge current 10 kA
- IEC 61643-11 and EN 61643-11 compliant

**ETITEC L1 DIN**

- Type 2 (or 3) surge protectors for Led
- Very compact (low profile)
- DIN rail mounting
- Screw terminal connection
- Status indicator
- Disconnection AC end of life
- IEC 61643-11 and EN 61643-11 compliance

**LED lighting protection****New!**

Type	Code No.	$I_n/I_{max}$ (8/20) [kA]	Uoc [kV]	$U_c$ [V AC]	$I_L$ [A]	Weight [g]	Packaging [pcs]
ETITEC LC1 IP20	002442980	5/10	10	320	5	35	1/36
ETITEC LP1 IP20	002442981	5/10	10	305	2,5	79	1/36
ETITEC LP2 IP20	002442982	5/10	10	305	2,5	79	1/36
ETITEC LX1 IP67	002442983	5/10	10	320	10	52	1/36
ETITEC LX2 IP67	002442984	5/10	10	320	10	52	1/36
ETITEC L1 DIN	002442985	5/10	10	320	10	107	1/72



ETITEC LC1 IP20



ETITEC LP2 IP20



ETITEC LX1 IP67



ETITEC LP1 IP20



ETITEC L1 DIN



ETITEC LX2 IP67

## Surge arresters ETITEC

### Surge arrester ETITEC T WENT group B, EN/IEC/VDE: T1, T2 /I,II/B+C

#### Advantages:

- remote signalisation - auxiliary contact (only RC type)
- mounting on DIN rail
- connection up to 35mm<sup>2</sup>
- high discharge currents
- high degree of protection
- varistor is the protective element
- IEC/EN 61643-11
- RoHS compliant

#### Description

ETITEC T WENT is surge arrester for indoor installation, internal protection of electrical system. Group WENT surge protection is in accordance with VDE class B, C. This protection corresponds to IEC category I, II. The protection is made on the main distribution box, as the first level of protection against lightning strikes and partial direct or indirect strikes. It's compact design demands small requirement for space for a complete 3-phase protection. It can be used in single or three phase network systems: TT, TNC, TNC-S. In case of permanent arrester damage, thermal protection is activated which signalizes faulty arrester.

\*Note: First number of designation 1+0, 2+0, 3+1 etc. indicates the number of varistors. Second one means the following: number 0 indicates there is no gas discharge tube (GDT), number 1 indicates there is. GDT element is required in TT systems.

#### ETITEC T WENT $I_{imp}=25kA$

Type	Code No.	$I_{imp}$ (10/350) [kA]	$I_n/I_{max}$ (8/20) [kA]	$U_c$ [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC T WENT 320/25 1+0	002440364	25	25/100	320	TNC	295	1/7
ETITEC T WENT 320/25 2+0	002440366	25	25/100	320	TNC-S	560	1/3
ETITEC T WENT 320/25 1+1	002440367	25	25/100	320	TT	490	1/3
ETITEC T WENT 320/25 3+0	002440368	25	25/100	320	TNC	840	1/3
ETITEC T WENT 320/25 3+1	002440369	25	25/100	320	TT	1050	1/2
ETITEC T WENT 320/25 4+0	002440370	25	25/100	320	TNC-S	1120	1/2
ETITEC T WENT 320/25 1+0 RC	002440365	25	25/100	320	TNC	300	1/7
ETITEC T WENT 320/25 2+0 RC	002440371	25	25/100	320	TNC-S	570	1/3
ETITEC T WENT 320/25 1+1 RC	002440372	25	25/100	320	TT	490	1/3
ETITEC T WENT 320/25 3+0 RC	002440373	25	25/100	320	TNC	860	1/3
ETITEC T WENT 320/25 3+1 RC	002440374	25	25/100	320	TT	1060	1/2
ETITEC T WENT 320/25 4+0 RC	002440375	25	25/100	320	TNC-S	1140	1/2

\* RC → remote signalisation



ETITEC T WENT 320/25 3+1 RC



## Surge arrester ETITEC group B EN/IEC/VDE: T1,T2, T3 /I,II, III/B+C+D

## Description

ETITEC B is surge arrester for indoor application. Group B overvoltage protection is in accordance with VDE class B, C, D. This protection corresponds to IEC category I, II, III and EN Type 1, Type 2, Type 3. The protection is made on the main distribution box, as the first level of protection against lightning strikes, partial direct, indirect atmospheric discharges and induced surges. In case of permanent arrester damage, thermal protection is activated which signalizes faulty arrester. Consequently only the SPD module has to be replaced, while base unit remains fixed on DIN rail.

\* Note: First number of designation 1+0, 2+0, 3+1 etc. indicates the number of varistors. Second one means the following: number 0 indicates there is no gas discharge tube, number 1 indicates there is.

## Advantages:

- remote signalisation (RC version only)
- DIN rail mounting (EN 60715)
- high discharge currents
- high degree of protection
- varistor is the protective element
- metal snapper, new way of mounting on DINrail (easier, quicker)
- modular design
- IEC/EN 61643-11
- RoHS compliant
- connection up to 35mm<sup>2</sup>

New!

ETITEC B T12 I<sub>imp</sub> =12,5kA

Type	Code No.	I <sub>imp</sub> (10/350) [kA]	I <sub>n</sub> /I <sub>max</sub> (8/20) [kA]	U <sub>c</sub> [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC B T12 150/12,5 1+0	002440311	12,5	25/60	150	TNC, 110V	124	1/12
ETITEC B T12 150/12,5 1+0 RC	002440312	12,5	25/60	150	TNC, 110V	129	1/12
ETITEC B T12 275/12,5 1+0	002440313	12,5	20/50	275	TNC	150	1/12
ETITEC B T12 275/12,5 1+0 RC	002440314	12,5	20/50	275	TNC	155	1/12
ETITEC B T12 440/12,5 1+0	002440315	12,5	25/60	440	IT	150	1/12
ETITEC B T12 440/12,5 1+0 RC	002440316	12,5	25/60	440	IT	155	1/12
ETITEC B T12 275/12,5 2+0	002440317	12,5	20/50	275	TNC-S	198	1/7
ETITEC B T12 275/12,5 2+0 RC	002440318	12,5	20/50	275	TNC-S	203	1/7
ETITEC B T12 440/12,5 2+0	002440319	12,5	25/60	440	IT	251	1/7
ETITEC B T12 440/12,5 2+0 RC	002440320	12,5	25/60	440	IT	256	1/7
ETITEC B T12 275/12,5 3+0	002440321	12,5	20/50	275	TNC	382	1/5
ETITEC B T12 275/12,5 3+0 RC	002440322	12,5	20/50	275	TNC	387	1/5
ETITEC B T12 440/12,5 3+0	002440323	12,5	25/60	440	IT	382	1/5
ETITEC B T12 440/12,5 3+0 RC	002440324	12,5	25/60	440	IT	387	1/5
ETITEC B T12 275/12,5 4+0	002440325	12,5	20/50	275	TNC-S	462	1/3
ETITEC B T12 275/12,5 4+0 RC	002440326	12,5	20/50	275	TNC-S	467	1/3
ETITEC B T12 440/12,5 4+0	002440327	12,5	25/60	440	IT	462	1/3
ETITEC B T12 440/12,5 4+0 RC	002440328	12,5	25/60	440	IT	467	1/3
ETITEC B T12 275/12,5 1+1	002440329	12,5	20/50	275	TT	198	1/7
ETITEC B T12 275/12,5 1+1 RC	002440330	12,5	20/50	275	TT	203	1/7
ETITEC B T12 275/12,5 3+1	002440331	12,5	20/50	275	TT	462	1/3
ETITEC B T12 275/12,5 3+1 RC	002440332	12,5	20/50	275	TT	467	1/3
MOD.ETITEC B T12 150/12,5	002440333	12,5	25/60	150		78	12
MOD.ETITEC B T12 275/12,5	002440334	12,5	20/50	275		88	12
MOD.ETITEC B T12 440/12,5	002440335	12,5	25/60	440		102	12
MOD.ETITEC B T12 255/50	002440310	12,5	25/60	255		70	12

\* RC -> remote signalisation. Note: I<sub>imp</sub> and I<sub>n</sub>/I<sub>max</sub> - defined per single pole



ETITEC B T12 275/12,5 1+0



ETITEC B T12 275/12,5 4+0

## Surge arrester ETITEC group C T2 EN/IEC/VDE: T2/II/C

### Advantages:

- optical indication of faulty device (green ok, red false)
- remote signalisation (RC version only)
- DIN rail mounting (EN 60715)
- high discharge currents
- high degree of protection
- varistor is the protective element
- metal snapper, new way of mounting on DIN rail (easier, quicker)
- round-off shape compatible with ETIMAT
- modular design
- IEC/EN 61643-11
- RoHS compliant
- connection up to 35mm<sup>2</sup>

### Description

ETITEC C T2 is surge arrester for indoor application. Group C surge protection is in accordance with VDE class C. This protection corresponds to IEC class II. The protection is made at the subdistribution board, as the second level of protection against overvoltage indirect lightning strikes. In case of permanent arrester damage, thermal protection is activated which signalize faulty arrester. ETITEC C T2 255/20 G is an overvoltage arrester with gas discharge tube for protection against indirect lightning strikes. It is used as a galvanic separation between N-PE conductor in TT network systems.

\*Note: First number of designation 1+0, 2+0, 3+1 etc. indicates the number of varistors. Second one means the following: number 0 indicates there is no gas discharge tube, number 1 indicates there is.



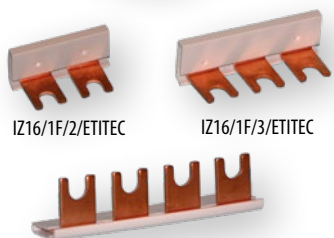
ETITEC C T2 275/20 1+0 ETITEC C T2 275/20 1+0 RC



ETITEC C T2 275/20 4+0



MODUL ETITEC C T2 275/20



IZ16/1F/3/ETITEC

New!

### ETITEC C T2

Type	Code No.	$I_n / I_{n\max}$ (8/20) [kA]	$U_c$ [V AC]	Network	Weight [g]	Packaging [pcs]
ETITEC C T2 275/20 1+0	002440393	20/40	275 VAC	TNC	128	1/12
ETITEC C T2 275/20 1+0 RC	002440394	20/40	275 VAC	TNC	133	1/12
ETITEC C T2 275/20 4+0	002440395	20/40	275 VAC	TNC-S	456	1/3
ETITEC C T2 275/20 4+0 RC	002440396	20/40	275 VAC	TNC-S	471	1/3
ETITEC C T2 275/20 2+0	002440397	20/40	275 VAC	TNC-S	244	1/7
ETITEC C T2 275/20 2+0 RC	002440398	20/40	275 VAC	TNC-S	249	1/7
ETITEC C T2 275/20 3+0	002440399	20/40	275 VAC	TNC	352	1/5
ETITEC C T2 275/20 3+0 RC	002440400	20/40	275 VAC	TNC	357	1/5
ETITEC C T2 275/20 1+1	002440401	20/40	275 VAC	TT	225	1/7
ETITEC C T2 275/20 1+1 RC	002440402	20/40	275 VAC	TT	230	1/7
ETITEC C T2 275/20 3+1	002440403	20/40	275 VAC	TT	441	1/3
ETITEC C T2 275/20 3+1 RC	002440404	20/40	275 VAC	TT	446	1/3
ETITEC C T2 440/20 1+0	002440405	20/40	440 VAC	IT	130	1/12
ETITEC C T2 440/20 1+0 RC	002440406	20/40	440 VAC	IT	145	1/12
ETITEC C T2 440/20 4+0	002440407	20/40	440 VAC	IT	466	1/3
ETITEC C T2 440/20 4+0 RC	002440408	20/40	440 VAC	IT	471	1/3
ETITEC C T2 440/20 2+0	002440409	20/40	440 VAC	IT	247	1/7
ETITEC C T2 440/20 2+0 RC	002440410	20/40	440 VAC	IT	252	1/7
ETITEC C T2 440/20 3+0	002440411	20/40	440 VAC	IT	356	1/5
ETITEC C T2 440/20 3+0 RC	002440412	20/40	440 VAC	IT	361	1/5
ETITEC C T2 255/20 G	002440413	20/40	255 VAC		118	1/12
MODUL ETITEC C T2 275/20	002440414	20/40	275 VAC		56	12/12
MODUL ETITEC C T2 440/20	002440415	20/40	440 VAC		58	12/12
MODUL ETITEC C T2 255/20 G	002440416	20/40	255 VAC		36	12/12

\* RC -> remote signalisation Note: In - defined per single pole

### Connection terminals

Type	code No.	weight [g]	packaging [pcs]	Connection terminals for
IZ16/1F/2/ETITEC	002921081	9	50/600	2 modules connection
IZ16/1F/3/ETITEC	002921082	15	50/600	3 modules connection
IZ16/1F/4/ETITEC	002921083	20	50/600	4 modules connection

For module width 17,8 mm.

## Surge arrester ETITEC group D T3

EN/IEC/VDE: T3/III/D

## Description

ETITEC D T3 is a surge arrester for indoor application. Group D surge protection is in accordance with VDE class D. This protection corresponds to IEC category III, EN Type 3. The protection should be installed immediately before the protected load. This is protection against indirect lightning strikes. In case of permanent arrester damage, thermal protection is activated, which signalizes faulty arrester. Consequently only the SPD module has to be replaced, while base unit remains fixed on DIN rail.

## Advantages:

- optical indication of faulty device (green ok, red false)
- remote signalisation (RC version only)
- DIN rail mounting (EN 60715)
- high discharge currents
- high degree of protection
- varistor is the protective element
- metal snapper, new way of mounting on DIN rail (easier, quicker)
- round-off shape compatible with ETIMAT
- modular design
- IEC/EN 61643-11
- RoHS compliant
- connection up to 35mm<sup>2</sup>



ETITEC D T3 275/3 1+0 RC

## ETITEC D T3

New!

Type	Code No.	$U_{oc}/I_n$ (8/20) [kA]	$U_c$ [V AC]	Weight [g]	Packaging [pcs]
ETITEC D T3 275/3 1+0	002440417	10kV/3kA	275	130	1/12
ETITEC D T3 275/3 1+0 RC	002440418	10kV/3kA	275	135	1/12
ETITEC D T3 440/3 1+0	002440419	10kV/3kA	440	132	1/12
ETITEC D T3 440/3 1+0 RC	002440420	10kV/3kA	440	137	1/12
MODUL ETITEC D T3 275/3	002440421	10kV/3kA	275	58	12
MODUL ETITEC D T3 440/3	002440422	10kV/3kA	440	60	12

\* RC -> remote signalisation

Note:  $I_n$  - defined per single pole



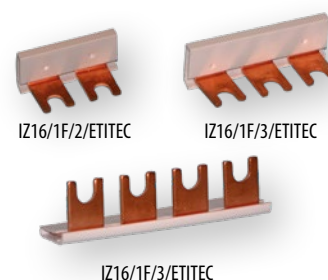
MODUL ETITEC D T3 275/3

## Connection terminals

Type	code No.	weight [g]	packaging [pcs]	Connection terminals for
IZ16/1F/2/ETITEC	002921081	9	50/600	2 modules connection
IZ16/1F/3/ETITEC	002921082	15	50/600	3 modules connection
IZ16/1F/4/ETITEC	002921083	20	50/600	4 modules connection

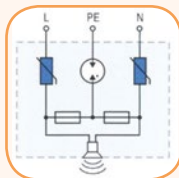
For module width 17,8 mm.

Application: Connection terminals are designed to connect modular surge ETITEC for multi-module assemblies (multi). Connections are made at the terminals ground - PE





ETITEC D 255/3 MINI			
Type	Code No.	Weight [g]	Packaging [pcs]
ETITEC D 255/3 MINI	002441632	25	1



ETITEC FILT D 20/275F 8A G is an electromagnetic interference (EMI) and overvoltage protective device of class III. It is designed for complete protection and is installed directly in front of protected devices on DIN rail. Protected electrical device is safe against effects of overvoltage, electrostatic voltage and electromagnetic interferences. These disturbances, which are present in all electrical systems, are caused by other electrical devices, by switching manoeuvres, by defects in electrical network and by other activities, such as welding.

Applications: Protecting devices such as: TV, PC, Server, Control and regulation devices,..



ETITEC FILT D			
Type	Code No.	Weight [g]	Packaging [pcs]
ETITEC FILT D 20/275F 8A G	002441712	94	1