

Odvodnik prenapona ETITEC tip WENT

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

ETITEC Went je odvodnik prenapona za unutrašnju upotrebu. Skupina Went prenaponske zaštite usaglašena je s odredbama VDE, razred B,C. Ova zaštita odgovara standardu IEC kategorija I,II. Zaštita je ostvarena na glavnim razdjelnim kutijama kao prva razina zaštite od udara groma i djelomično izravnih pražnjenja. Odlikuje se svojim malim zahtjevima za prostor, budući da za kompletni 3-fazni sustav traži samo širinu od 4 modula. On predstavlja rješenje za sustav i lako možemo izgraditi prenaponsku zaštitu za sva 4 poznata mrežna sustava: TT, TNC,TNC-S, IT.

ETITEC WENT

tip	šifra	težina [g]	pakiranje [kom]
ETITEC WENT TNC-S 25/50 2+0	002444001	374	1/7
ETITEC WENT IT 25/50 2+0	002444021	458	1/3
ETITEC WENT TT 25/50 1+1	002444002	364	1/3
ETITEC WENT TNC 25/75 3+0	002444003	570	1/5
ETITEC WENT TT 25/100 3+1	002444004	768	1/2
ETITEC WENT TNC-S 25/100 4+0	002444005	756	1/3
ETITEC WENT IT 25/100 4+0	002444025	1000	1/2
ETITEC WENT TNC-S 25/50 RC 2+0	002444011	379	1/7
ETITEC WENT IT 25/50 RC 2+0	002444031	463	1/3
ETITEC WENT TT 25/50 RC 1+1	002444012	369	1/3
ETITEC WENT TNC 25/75 RC 3+0	002444013	570	1/5
ETITEC WENT TT 25/100 RC 3+1	002444014	772	1/2
ETITEC WENT TNC-S 25/100 RC 4+0	002444015	760	1/3
ETITEC WENT IT 25/100 RC 4+0	002444035	1004	1/2

RC - daljinska signalizacija

Napomena: I_{imp} definisan za pojedinačni pol

ETITEC WENT 25/_

$I_{imp} = 25 \text{ kA/pol}$
 $I_n = 40 \text{ kA/pol}$
 $I_{max} = 100 \text{ kA/pol}$
 $U_p \text{ pri } I_{imp} = 1,3 \text{ kV}$
 (TNC)

Prednosti:

- prozor za indikaciju naprave u kvaru
- daljinska signalizacija (opcija)
- montaža na DIN-letvu
- mogućnost priključka do 35 mm²
- visoke odvodne struje
- visoki stupanj zaštite
- varistor je zaštitni element

ETITEC WENT

tip	šifra	težina [g]	pakiranje [kom]
ETITEC WENT TNC-S 12,5/25 2+0	002444042	251	1/7
ETITEC WENT IT 12,5/25 2+0	002444062	283	1/7
ETITEC WENT TT 12,5/25 1+1	002444043	245	1/7
ETITEC WENT TNC 12,5/37,5 3+0	002444044	382	1/5
ETITEC WENT TT 12,5/50 3+1	002444046	538	1/3
ETITEC WENT TNC-S 12,5/50 4+0	002444045	462	1/3
ETITEC WENT IT 12,5/50 RC 4+0	002444065	526	1/3
ETITEC WENT TNC-S 12,5/25 RC 2+0	002444052	256	1/7
ETITEC WENT IT 12,5/25 RC 2+0	002444072	288	1/7
ETITEC WENT TT 12,5/25 RC 1+1	002444053	245	1/7
ETITEC WENT TNC 12,5/37,5 RC 3+0	002444054	384	1/5
ETITEC WENT TT 12,5/50 RC 3+1	002444056	542	1/3
ETITEC WENT TNC-S 12,5/50 RC 4+0	002444055	464	1/3
ETITEC WENT IT 12,5/50 RC 4+0	002444075	528	1/3

RC - daljinska signalizacija

Napomena: I_{imp} definisan za pojedinačni pol

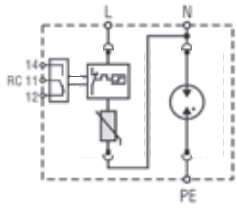
ETITEC WENT 12,5/_

$I_{imp} = 12,5 \text{ kA/pol}$
 $I_n = 20 \text{ kA/pol}$
 $I_{max} = 50 \text{ kA/pol}$
 $U_p \text{ pri } I_{imp} = 1,2 \text{ kV}$
 (TNC)

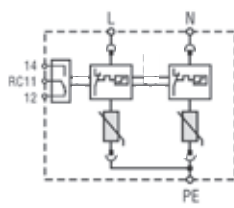


Prenaponski odvodnik tip ETITEC WENT

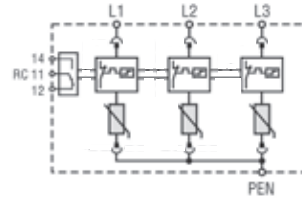
Tehnički podaci				
Tip	ETITEC TNC-S 12,5	ETITEC TNC 12,5	ETITEC TT 12,5	ETITEC IT 12,5
U skladu s	IEC-61643-1			
Kategorija IEC / VDE	I,II / B,C			
Maks.dozvoljen radni napon (AC/DC)	320/420		440/580	
Vrsta SPD *	MOV / MOV	MOV / -	MOV / GDT	MOV / MOV
Nazivna odvodna struja (8/20) I_n	20 kA / 20 kA	20 kA / -	20 kA / 50 kA	20 kA / 20 kA
Maks. odvodna struja (8/20) I_{max}	50 kA / 50 kA	50 kA / -	50 kA / 100 kA	50 kA / 50 kA
Vršna vrijednost struje(10/350) I_{imp}	12,5 kA / 12,5 kA	12,5 kA / -	12,5 kA / 50 kA	12,5 kA / 12,5 kA
Specifična energija	39 kJ/Ω	39 kJ/Ω	39 kJ// 625kJ/Ω	39 kJ/Ω
Naboj	6,25 As	6,25 As	6,25 As/25 As	6,25 As
Razina zaštite U_p kod I_{imp} (kV)	1,3 (2+0); 1,5 (4+0)	1,2	1,1 (1+1); 1,2 (3+1)	1,7 (2+0); 1,8 (4+0)
Ostatna struja	* / >100A rms			
Vrijeme reagovanja	<25 ns		<25 ns/100 ns	<25 ns
Diferencijalna struja kod U_c	<2,5 mA		<2,5 mA / -	<2,5 mA
Toplotni razdvajač	✓	✓	✓/-	✓
Pritezni moment	max. 4,5 Nm			
Predosigurač (ako je glavni > 250 A)	250 A gL		250 A gL / -	250 A gL
Čvrstoća kratkog spoja	25 kA / 50 Hz		25 kA/50 Hz / -	25 kA / 50 Hz
Temperaturno područje	- 40°C ...+80°C			
Presjek priključnih vodiča	jednožilni 35 mm ² ; višežilni 25 mm ²			
Montaža	unutra na gornjoj kapi za fiksiranje šine 35 mm ²			
Stupanj zaštite	IP 20			
Kućište	termoplast; stupanj gašenja UL 94-5V A			
Dimenzije	TNC 3 modula; ostali 4 modula			
Dopunski podaci za WENT RC				
Daljinska signalizacija	✓			
Preklopna sposobnost	AC : 250 V/0,5 A; 125 V/3 A			
Presjek priključnih vodiča	max. 1,5 mm ²			
Pritezni moment	0,25 Nm			



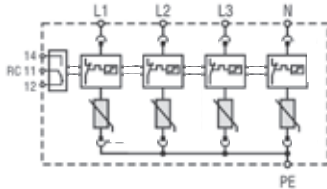
ETITEC WENT 1+1



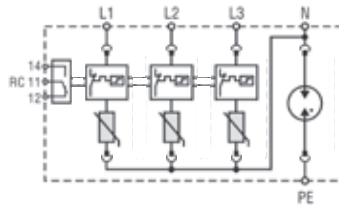
ETITEC WENT 2+0



ETITEC WENT 3+0



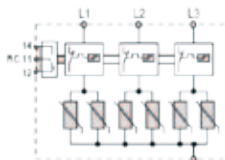
ETITEC WENT 4+0



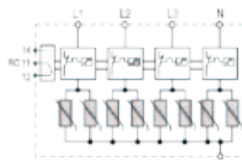
ETITEC WENT 3+1

Tehnički podaci

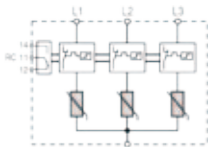
Tip	ETITEC TNC-S 25	ETITEC TNC 25	ETITEC TT 25 (1+1)	ETITEC TT 25 (3+1)	ETITEC IT 25
U skladu s	IEC-61643-1				
Kategorija IEC / VDE	I, II / B, C				
Maks. dozvoljen radni napon (AC/DC)	320/420				440/580
Vrsta SPD *	MOV / MOV	MOV / -	MOV / GDT	MOV / GDT	MOV / MOV
Nazivna odvodna struja (8/20) I_n	25 kA / 25 kA	25 kA / -	25 kA / 50 kA	25 kA / 100 kA	25 kA / 25 kA
Maks. odvodna struja (8/20) I_{max}	100 kA / 100 kA	100 kA / -	100 kA / 100 kA	100 kA / 100 kA	100 kA / 100 kA
Vršna vrijednost struje (10/350) I_{imp}	25 kA / 25 kA	25 kA / -	25 kA / 50 kA	25 kA / 100 kA	25 kA / 25 kA
Specifična energija	156 kJ/Ω	156 kJ/Ω	156 kJ// 625kJ/Ω	156 kJ// 2,5MJ/Ω	156 kJ/Ω
Naboj	12,5 As	12,5 As	12,5 As/25 As	12,5 As/25 As	12,5 As
Razina zaštite U_p kod I_{imp} (kV)	1,2(2+0); 1,3(4+0)	1,3	1,2	1,3	1,8(2+0); 1,9(4+0)
Ostatna struja	- / >100A rms				
Vrijeme reagovanja	<25 ns		<25 ns/100 ns		<25 ns
Diferencijalna struja kod U_c	<2,5 mA		<2,5 mA / -		<2,5 mA
Toplotni razdvajač	✓	✓	✓/-		✓
Pritezni moment	max. 4,5 Nm				
Predosigurač (ako je glavni > 250 A)	250 A gL		250 A gL / -		250 A gL
Čvrstoća kratkog spoja	25 kA / 50 Hz		25 kA/50 Hz / -		25 kA / 50 Hz
Temperaturno područje	-40°C ... +80°C				
Presjek priključnih vodiča	jednožilni 35 mm ² ; višezilni 25 mm ²				
Montaža	unutra na gornjoj kapi za fiksiranje šine 35 mm ²				
Stupanj zaštite	IP 20				
Kućište	termoplast; stupanj gašenja UL 94-5V A				
Dimenzije	TNC 3 modula; ostali 4 modula				
Dopunski podaci za WENT RC					
Daljinska signalizacija	✓				
Preklopna sposobnost	AC : 250 V/0,5 A; 125 V/3 A				
Presjek priključnih vodiča	max. 1,5 mm ²				
Pritezni moment	0,25 Nm				



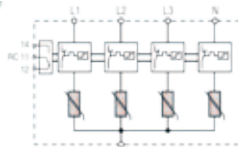
ETITEC WENT 3+0



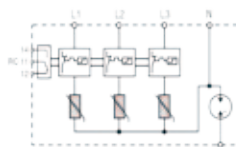
ETITEC WENT 4+0



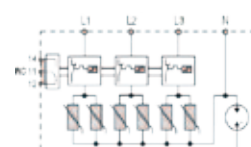
ETITEC WENT 3+0



ETITEC WENT 4+0



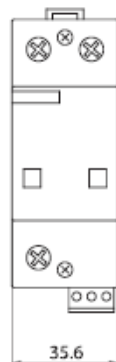
ETITEC WENT 3+1



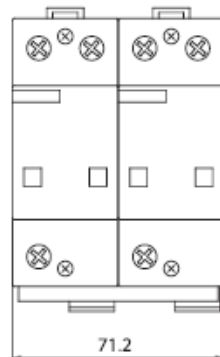
ETITEC WENT 3+1

Tehnički podaci

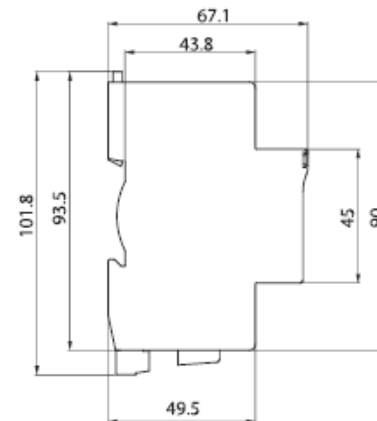
1-fWENT



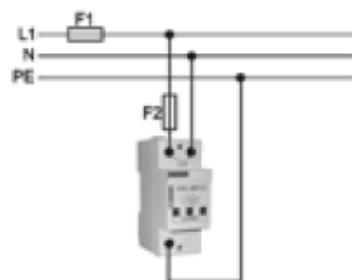
3-FWENT



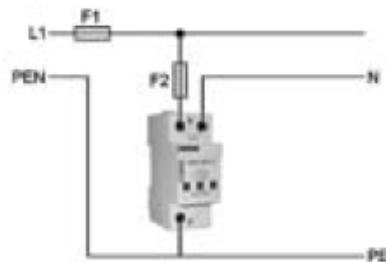
WENT



1f

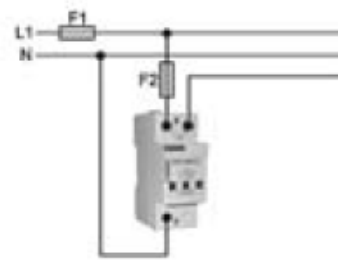


TNC-S

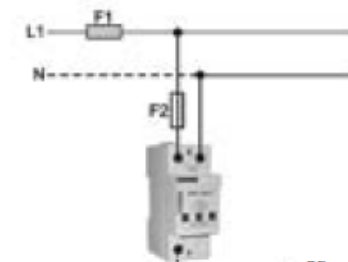


TNC

1f

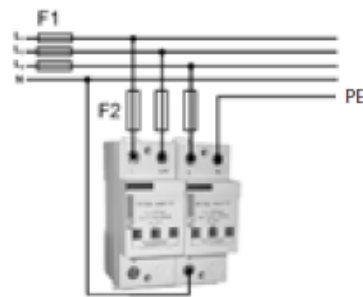


TT

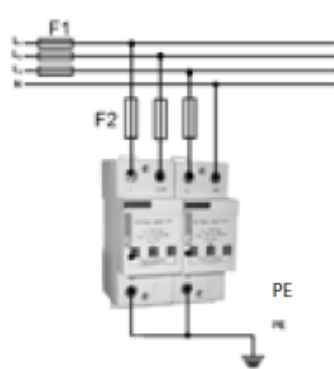


IT

3f

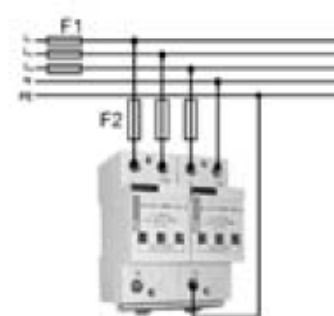


TT

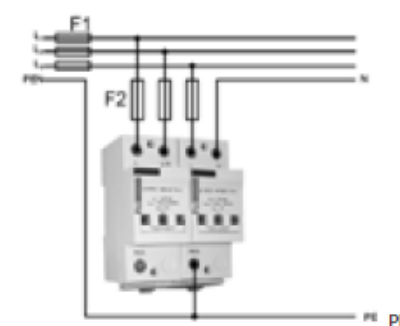


IT

3f



TNC-S



TNC