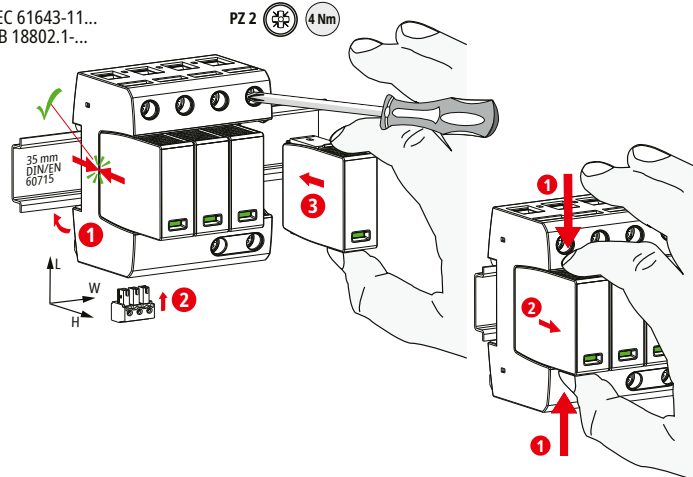
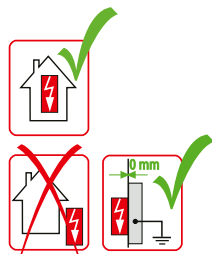


SPD VT1 - VT1 M 12.5 ... 385 (FM)

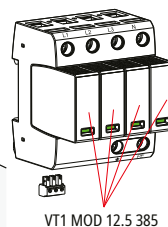
GB Installation instructions
CN 安装说明

I+II IEC 61643-11...
1+2 GB 18802.1-...

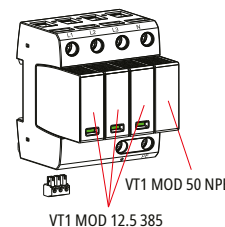
PZ 2 4Nm



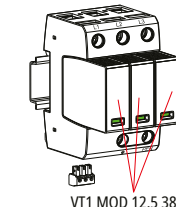
VT1 M 12.5 TNS 385 (FM)



VT1 M 12.5 TT 385 (FM)

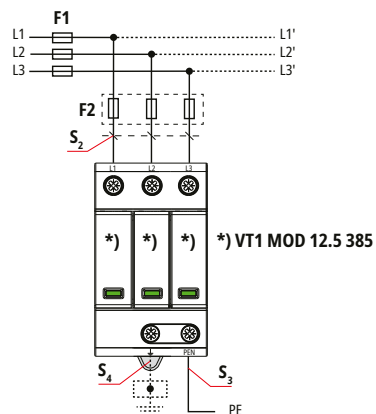


VT1 M 12.5 TNC 385 (FM)

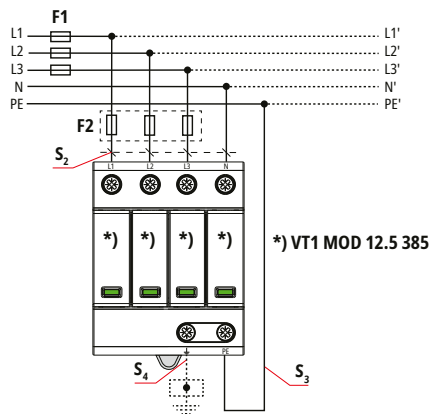


	VT1 M 12.5 TNC 385 (FM)	VT1 M 12.5 TNS 385 (FM)	VT1 M 12.5 TT 385 (FM)
	VT1 MOD 12.5 385		VT1 MOD 50 NPE
U_N / Tol.: $\pm 10\%$	230 V / 400 V		255 V ~
U_c	385 V ~		255 V ~
f_N	50 / 60 Hz		---
max.	160 A gG		---
I_{SCCR}	25 kA _{rms}		---
I_{imp} 10/350µs	12.5 kA		50 kA
θ°	-40°C ... +80°C		---
ϕ	5% ... 95%		---
I_{fi}	---		100 A _{rms}
I_{PE}	< 5 µA		---
IP 1)	20		---
L x W x H	90 mm x 54 mm x 75 mm	90 mm x 72 mm x 75 mm	
min. $\square$ L, N, PE(N), $\perp$	1.5 mm ²		---
max. $\square$ L, N, PE(N), $\perp$	25 mm ²	35 mm ²	
$\square$	16 mm ² Cu	≥ 15.5 mm	

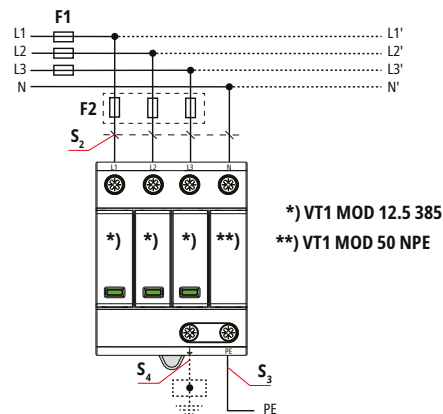
TN-C VT1 M 12.5 TNC 385 (FM)



TN-S VT1 M 12.5 TNS 385 (FM)



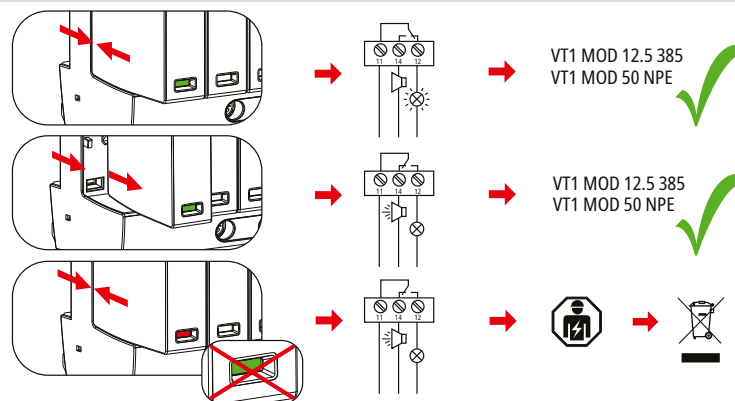
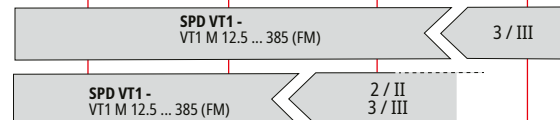
TT VT1 M 12.5 TT 385 (FM)



SPD VT1 ...	
VT1 M 12.5 TNS 385 (FM)	
VT1 M 12.5 TT 385 (FM)	
VT1 M 12.5 TNC 385 (FM)	
F1	F2
F1 > 160 A gG	F1 ≤ 160 A gG
F2 ≤ 160 A gG	F2 > 160 A gG

SPD VT1 ...				
VT1 M 12.5 TNS 385 (FM)				
VT1 M 12.5 TT 385 (FM)				
VT1 M 12.5 TNC 385 (FM)				
$\Rightarrow$ F1 A gG	S_2 / mm ²	S_3 / mm ²	S_4 / mm ²	$\Leftarrow$ F2 A gG
25	4	6	6	---
35	4	6	6	---
40	4	6	6	---
50	6	6	6	---
63	10	10	10	---
80	10	10	10	---
100	16	16	16	---
125	16	16	16	---
160	25	16	16	---
>160	25	16	16	160

LPZ 0_A LPZ 0_B LPZ 1 LPZ 2 LPZ 3



SPD VT1 ...	
VT1 M 12.5 ... 385 FM	
U_N / I_N	AC: 250 V / 0.5 A
	DC: 250 V / 0.1 A
	125 V / 0.2 A
	75 V / 0.5 A
	max. 1.5 mm ²



Safety Instructions

GB

The device may only be connected and installed by an electrically skilled person. National standards and safety regulations must be observed (see IEC 60364-5-53 (VDE 0100 Part 534:...)). The device must be checked for external damage before installation. If any damage or other faults are detected in this check, the device must not be installed. Its use is only permitted within the limits shown and stated in these installation instructions. The device and the equipment connected to can be destroyed by loads exceeding the values stated. Opening or tampering with the device invalidates the warranty.

If polyphase busbars are used for connecting the SPD to other DIN rail mounted devices, the maximum permissible current load of the polyphase busbar has to be taken into account when choosing a suitable arrester backup fuse.

Additional technical data

Number of ports of the SPD: 1

- 1) Degree of protection:
IP 20 (installed device)



安全须知

CN

只允许由专业电工来连接和安装设备。必须遵守国家有关法规和安全规章(另见 IEC 60364-5-53 (VDE 0100 第 534 条:..))。安装前必须检查设备是否有外观损坏。如果有损坏或者有其它缺陷,则不得安装该设备。该设备只允许在本安装说明书中规定的范围和条件下使用。如果负载超出了规定的数值,则该设备和连接到该设备的被保护设备可能会被毁坏。打开和更改设备会导致保修失效。

在使用多相汇流排并联连接电涌保护器的情况下,选择避雷器保险丝时必须考虑多相汇流排允许的电流负荷。

其它的技术数据

SPD 端口的数量: 1

- 1) 防护等级: IP 20 (装在外壳内的)

