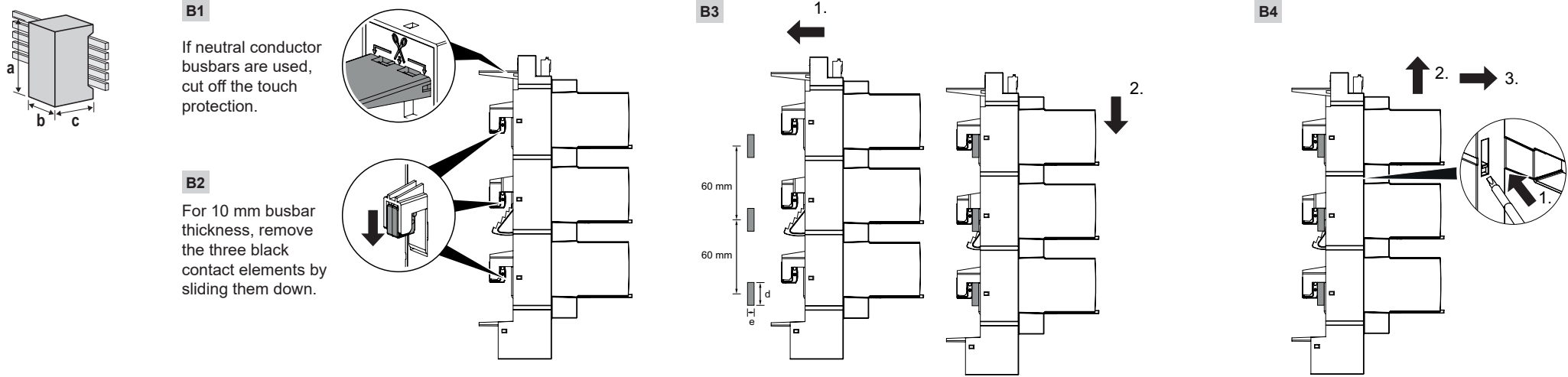


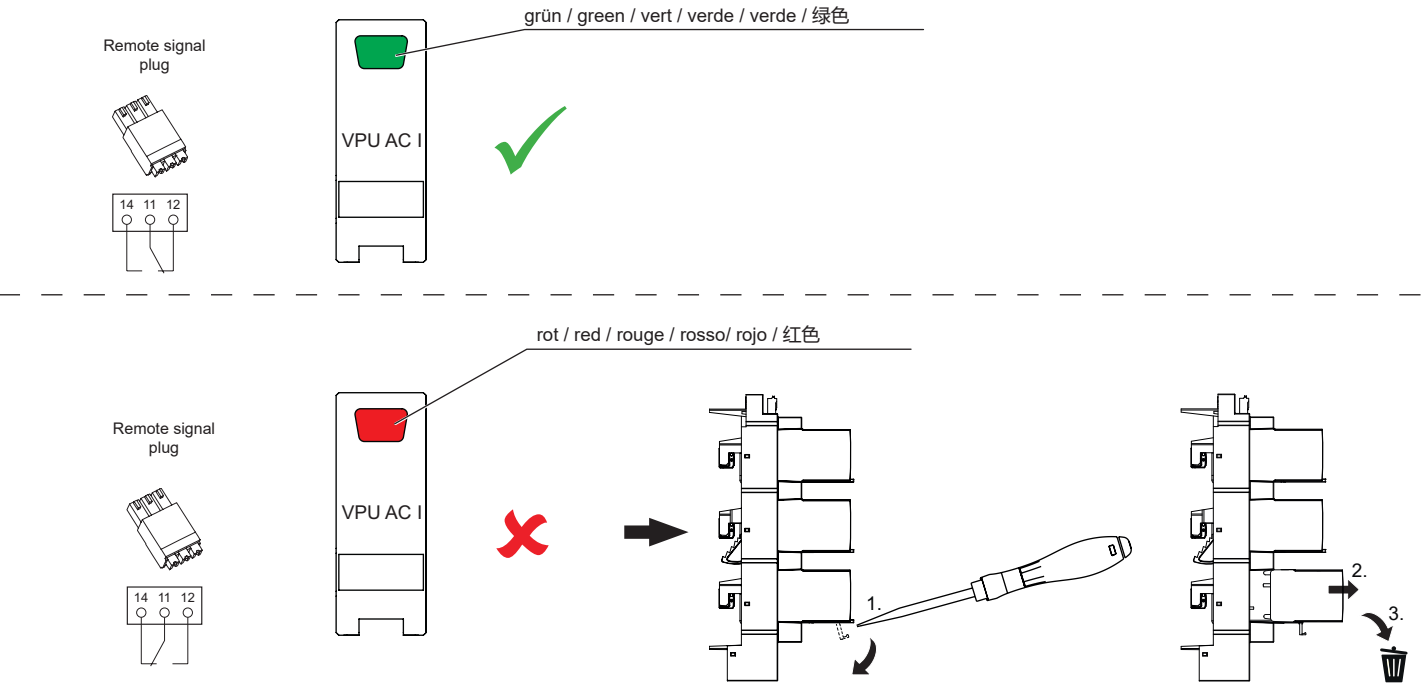
A Technische Daten / Technical specifications / Caractéristiques techniques / Dati tecnici / Datos técnicos / 技术数据

	Type	VPU AC I BS60 ... 300/12.5			VPU AC I BS60 ... 300/12.5 LCF		
		L-PEN (3+0)	L-N (3+1)	N-PE (3+1)	L-PEN (3+0)	L-N (3+1)	N-PE (3+1)
IEC/EN 61643-11	Grid (Un) at 50 ... 60 Hz	230/400 V	230/400 V	—	230/400 V	230/400 V	—
	Voltage regulation	+6 %	+6 %	—	+6 %	+6 %	—
	U _n	240 V	240 V	—	240 V	240 V	—
	U _C	300 V	300 V	305 V	300 V	300 V	305 V
	I _n / I _{max} (8/20 µs)	20 kA / 50 kA	20 kA / 50 kA	80 kA / 100 kA	20 kA / 65 kA	20 kA / 65 kA	80 kA / 100 kA
	I _{imp} (10/350 µs)	12.5 kA	12.5 kA	50 kA	12.5 kA	12.5 kA	50 kA
	I _{SCCR}	25 kA	25 kA	—	25 kA	25 kA	—
	Back-up fuse	315 A gG	315 A gG	—	315 A gG	315 A gG	—
	I _{PE}	< 0.6 µA	—	< 5 µA	< 5 µA	—	< 5 µA
	U _P at I _n	≤ 1500 V	≤ 1500 V	≤ 1500 V	≤ 1500 V	≤ 1500 V	≤ 1500 V
	U _{OC}	6 kV	6 kV	6 kV	6 kV	6 kV	6 kV
	I _{CW}	3 kA	3 kA	3 kA	3 kA	3 kA	3 kA
	I _{fl}	—	—	100 A	—	—	100 A
	Wire cross-section / insulation length min.	16 mm ² (AWG 5) 16 mm ² (AWG 5) 16 mm ² (AWG 5) I = 18 mm / 2 Nm...4.5 Nm					
	Wire cross-section / insulation length max.	35 mm ² (AWG 2) 35 mm ² (AWG 2) 25 mm ² (AWG 4) I = 18 mm / 2 Nm...4.5 Nm					
Ambient temperature		-40 °C ... +85 °C					
Relative humidity		5 ... 95 %, indoor					
Protection degree		IP 20 / In combination with cover IP 40					
Number of ports		1					
Dimensions a x b x c, see Fig. B		244.5 x 36 x 123.3 mm					
Busbar Dimensions d x e, see Fig. B		12 / 15 / 20 / 25 / 30 x 5 / 10 mm					
Busbar distance		60 mm					
Remote signal contact		U _n = 125 V AC / 1 A U _n = 48 V DC / 0.5 A U _n = 24 V DC / 0.5 A U _n = 12 V DC / 0.5 A 0.25...1.5 mm ² / I = 10 mm					
Remote signal plug		BCZ 3.81/3/180 (1792780000)					
Terminal extender		VPU AC EXTENDER (3132500000)					

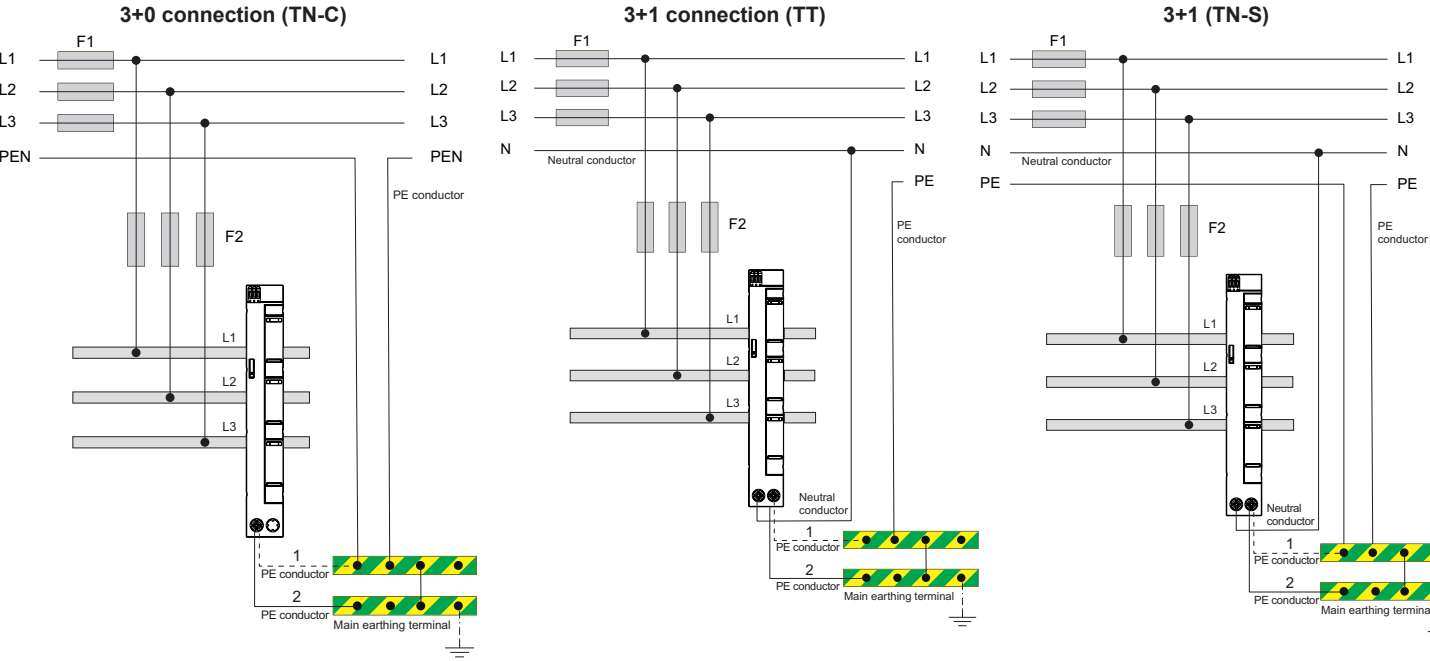
B Montage und Demontage / Mounting and demounting / Montage et démontage / Montaggio è smontaggio / Montaje y desmontaje / 安装和拆卸



C Überwachung und Wartung / Monitoring and maintenance / Surveillance et maintenance / Controllo e manutenzione / Monitorización y mantenimiento / 监控和维护



D Anschlussbilder / Connection diagrams / Schémas de raccordement / Schemi di collegamento / Diagramas de conexiones / 接线图



If the length of connection 2 is > 0.5 m, also install connection 1.

- de** Installationsanleitung
Überspannungsschutz

en Installation instruction
Surge protection

fr Consignes d'installation
Protection surtension

it Istruzioni per l'installazione
Protezione contro le sovratensioni

es Instrucciones para la instalación
Protector de sobretensión

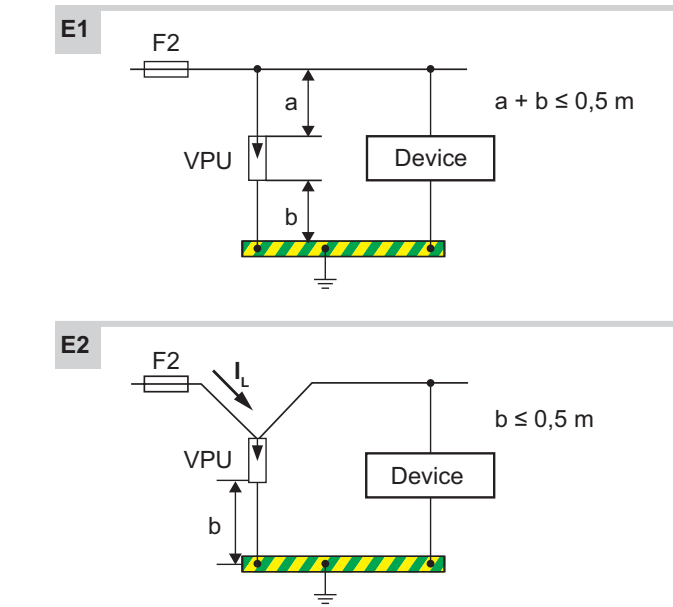
zh 安装说明
过压保护
- Weidmüller**

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- 3125610000/02/01.2025

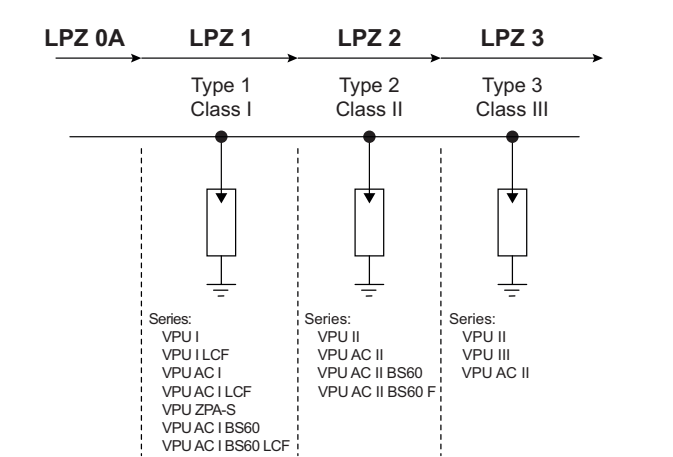


VPU AC I BS60 ... 300/12.5
VPU AC I BS60 ... 300/12.5 LCF

E PE-Verkabelung / PE cabling / Câblage PE / Cablaggio PE / Cableado PE / PE 布线



F Koordination / Coordination / Coordination / Coordinamento / Coordinación / 协调 IEC 62305-4



G Sicherungen / Fuses / Fusibles / Fusibili / Fusibles / 保险丝

Back-up fuses	
F1 > 315 A gG → F2 ≤ 315 A gG	
F1 ≤ 315 A gG → F2 = not needed	

