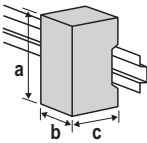


A Technische Daten / Technical specifications / Caractéristiques techniques / Dati tecnici / Datos técnicos / 技术数据 / Technische gegevens / 기술데이터										
		VPU AC II						VPU AC II ... Y		
		N-PE	L-N					N-PE	L-N	
Type		305 V	75 V	150 V	300 V	350 V	480 V	750 V	305 V	300 V
IEC/EN 61643-11	Grid (U _n) @ 50...60 Hz	230 V N-PE spark gap	≤ 48 V TN	120/208 V TN	230/400 V TN, TT	230/400 V TN	277/480 V TN	400/690 V TN, TT	230 V N-PE spark gap	230/400 V TN, TT
	Voltage regulation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	U _n	0 V	60 V	120 V	240 V	277 V	400 V	600 V	0 V	240 V
	I _n / I _{max} (8/20 μs)	40/65 kA	20/50 kA	20/50 kA	20/50 kA	20/50 kA	20/50 kA	20/35 kA	40/65 kA	20/50 kA
	I _{PE}	1 μA	0.35 mA	0.3 mA	0.33 mA	0.3 mA	0.37 mA	0.3 mA	1 μA	0.35 mA
	I _{SCCR}	–	25/50 kA	25/50 kA	25/50 kA	25/50 kA	25/50 kA	25/50 kA	–	50 kA
	U _p @ I _n	≤ 1500 V	≤ 800 V	≤ 1250 V	≤ 1500 V	≤ 1750 V	≤ 2300 V	≤ 3400 V	≤ 1500 V	≤ 1300 V
	U _c	305 V	75 V	150 V	300 V	350 V	480 V	750 V	305 V	300 V
UL 1449 Ed. 4	Type	1CA	1CA	1CA	1CA	1CA	1CA	1CA	1CA	1CA
	U _n	0 V	60 V	120 V	240 V	277 V	400 V	600 V	0 V	240 V
	MCOV	305 V	75 V	150 V	300 V	350 V	480 V	750 V	305 V	300 V
	VPR L/N ⇔ PE; L ⇔ N	1000 V	330 V	600 V	900 V	1000 V	1500 V	2500 V	1000 V	900 V
	I _n	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
	SCCR	–	100 kA	200 kA	150 kA	200 kA	200 kA	200 kA	–	150 kA
Wire cross-section min.		  2.5 mm² (AWG14)		 2.5 mm² (AWG14)		 2.5 mm² (AWG14)		I = 15 mm / 2...3 Nm		
Wire cross-section max.				 35 mm² (AWG2)		 35 mm² (AWG2)		I = 15 mm / 2...3 Nm		
R (Remote signal contact) 1)		AC: 250 V / 1 A DC: 24 V / 0.5 A		1CO		0.25...1.5 mm² (AWG24...16)		I = 8 mm		
T _A		-40 °C...+85°C								
Relative humidity		5...95 %, indoor								
Altitude		4000 m								
Protection degree		IP20, built-in								
Number of ports		1								
Dimensions a x b 2) x c (single device)		90 x (1 HP) x 76 mm								
Approvals / applied standards / directives		CE, IEC/EN 61643-11, UL 1449 Ed. 4								
Spare arrester		2591190000	2591610000	2591640000	2591010000	2591340000	2591200000	2591290000	2659950000	2659840000

1) R = remote signal contact (BCZ 3.81/3/180 1792780000)
2) horizontal pitch (HP), 1 HP = 17.8 mm

Montage und Demontage / Mounting and demounting / Montage et démontage / Montaggio è smontaggio / Montaje y desmontaje / 安裝和拆卸 / Montage en demontage / 설치와 제거



a / b / c

- de Höhe / Breite / Tiefe
- en Height / Width / Depth
- fr Hauteur / Largeur / Profondeur
- it Altezza / Larghezza / Profondità
- es Altura / Ancho / Profundidad
- zh 高/宽/深
- nl Hoogte / Breedte / Diepte
- ko 높이 / 너비 / 깊이

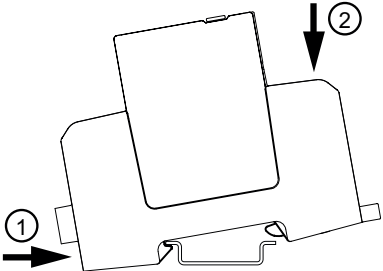


Abb. / Fig. B1

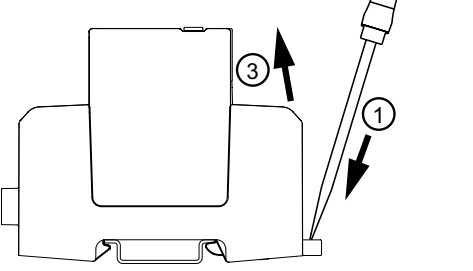


Abb. / Fig. B2

Überwachung und Wartung / Monitoring and maintenance / Surveillance et maintenance / Controllo e manutenzione / Monitorización y mantenimiento / 监控和维护 / Bewaking en onderhoud / 모니터링 및 유지 보수



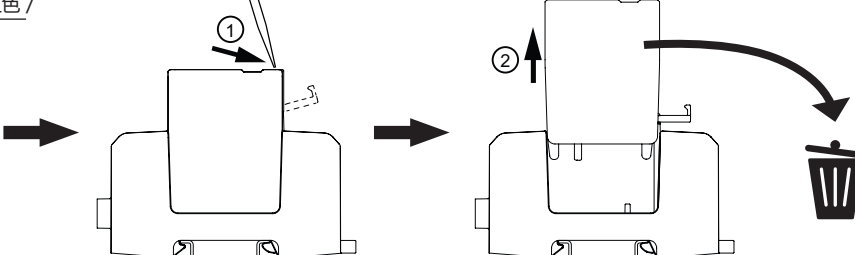
grün / green / verte / verde / verde / 绿色 / green / 녹색



only for VPU AC II Y
gelb / yellow / jaune / giallo / amarillo / 黄色 / geel / 황색

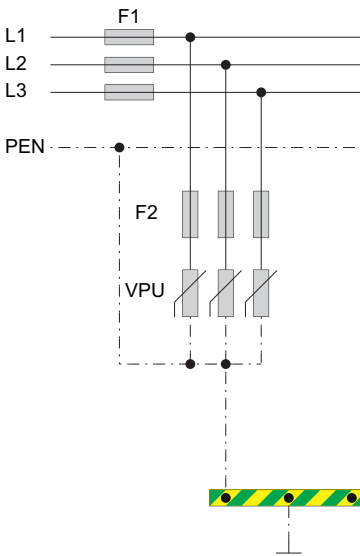


rot / red / rouge / rosso / rojo / 红色 / rood / 적색

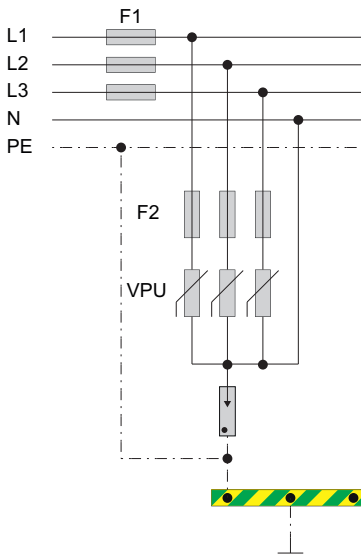


Anwendung / Application / Application / Applicazione / Aplicación / 应用 / Toepassing / 적용 용도

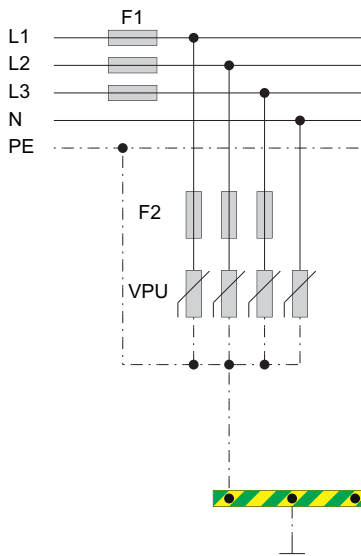
4 wire Net / Grid (TN-C)



3+1 connection (TT or TN-C-S)



5 wire Net / Grid (TN-C-S)



de Bedienungsanleitung VPU AC II

en Operating instructions VPU AC II

fr Mode d'emploi VPU AC II

it Istruzioni per l'uso VPU AC II

es Instrucciones de empleo VPU AC II

zh 使用说明 VPU AC II

nl Gebruiksaanwijzing VPU AC II

ko 작동 방법 설명 VPU AC II

Weidmüller 

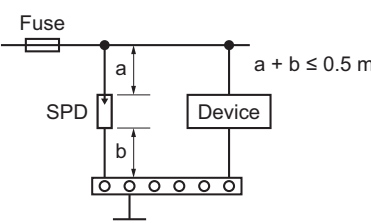
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www.weidmueller.com

2661720000/01/12-2019

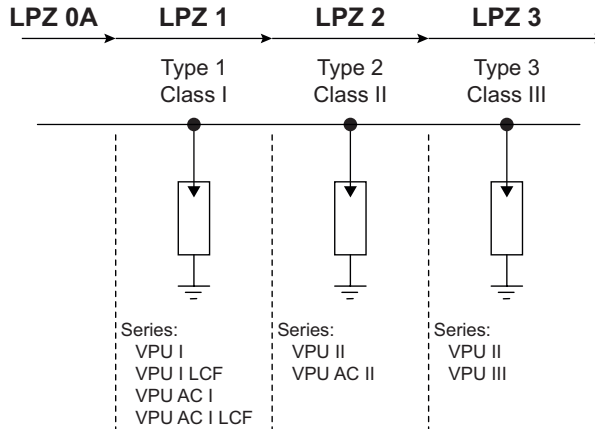


Abbildung ähnlich / Illustration similar

PE-Verkabelung / PE cabling / Câblage PE / Cablaggio PE / Cableado PE / PE 布线 / PE-bekabeling / 접지(PE) 결선 방법



Koordination / Coordination / Coordination / Coordinamento / Coordinación / 协调 / Coördinatie / 기준 설치 위치 IEC 62305-4



Type	I _{SCCR}	F1	→	F2
VPU AC II	25 kA	F1 ≤ 315 A gG	→	F2 = not needed
		F1 > 315 A gG	→	F2 ≤ 315 A gG
VPU AC II Y	50 kA	F1 ≤ 250 A gG	→	F2 = not needed
		F1 > 250 A gG	→	F2 ≤ 250 A gG
VPU AC II Y	50 kA	F1 ≤ 160 A gG	→	F2 = not needed
		F1 > 160 A gG	→	F2 ≤ 160 A gG

Tab. / Tab. G

