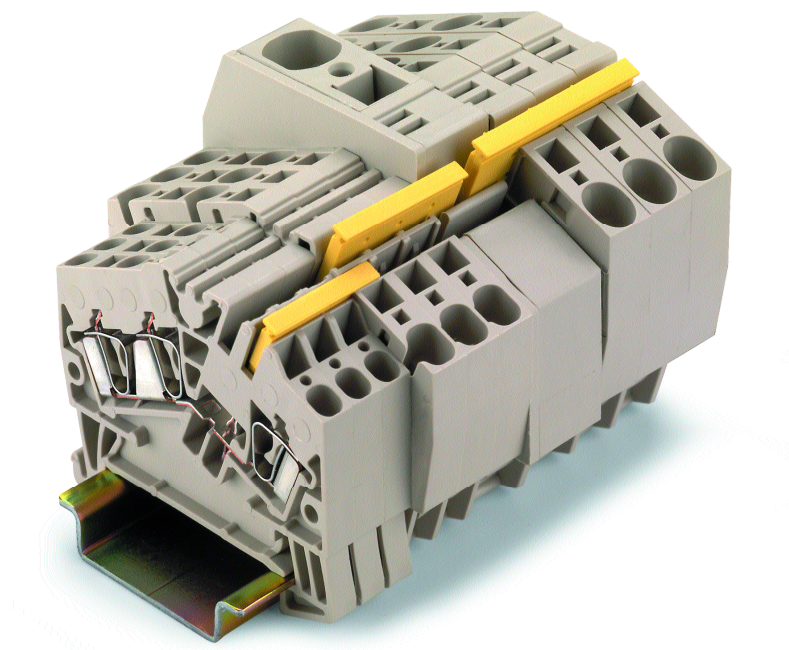


Z-ROOF

**Feed-Through and Protective
Conductor Terminal Blocks**

NEW



United States

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Richmond, Virginia 23236
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Weidmüller 

Z-ROOF



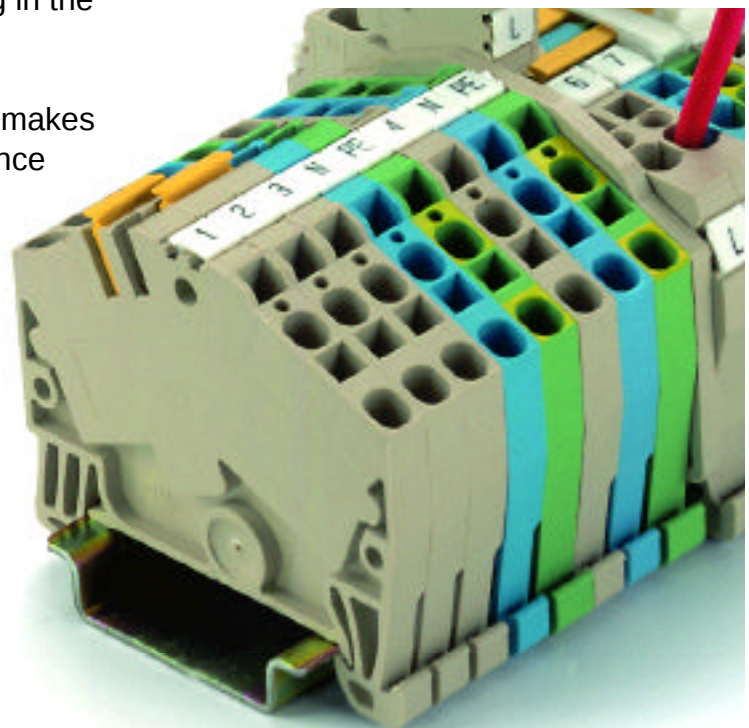
Compact design saves space

Z-ROOF can cope with considerably less space than traditional terminals. For example, the 2.5 mm² feed-through terminal with four connections is 36% shorter in length.

Depending on the application, the following benefits apply:

- Smaller, therefore cost-effective terminal boxes or switchgear cabinets are possible
- The cable duct distances can be reduced, thereby allowing more compact wiring in the switchgear cabinet
- The wiring space is increased, which makes wiring easier and simplifies maintenance tasks

36%

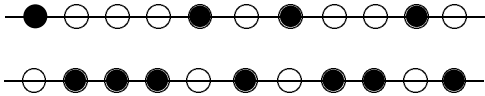


Z-SERIES

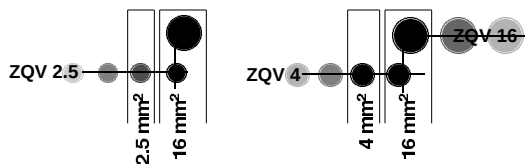
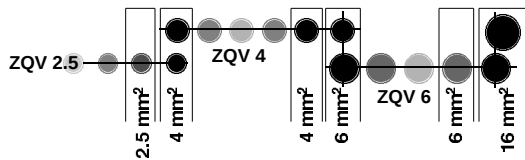
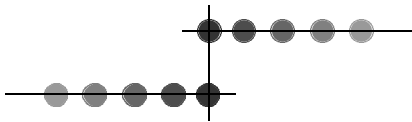
Jumpering made easy

Depending on the type of terminal, up to 2 parallel cross-connection channels are available

- 2 electrical potentials can be fed (up to 125V)



- By breaking off the individual contact elements (max 60%), terminals can be skipped (up to 400V)
- By extending in parallel, an endless jumper can be formed (full rated voltage)

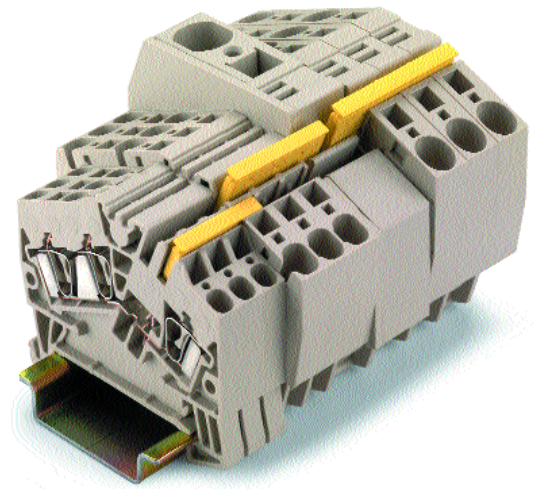


The ZDU 2.5-2/4AN can be bridged using the 2-pole ZQB 2.5 cross-connection. Please note: place the conductor between the tension clamp and the ZQB 2.5.

The large, economical range

Available products include:

- Feed-through terminals from 22 AWG to 8 AWG with 2, 3 or 4 connections
- PE terminals from 22...8 AWG with 2, 3 or 4 connections
- Fuse terminals in 5 mm grid size, also with control indicator
- Disconnect terminals
- Terminal blocks with electronic components
- 6 AWG supply terminals for electrical potentials and PE conductors



ZPE 16 supply terminals for PE

The ZPE 16-2/1AN enables you to connect the PE to the mounting rail quickly and reliably.

ZPE 16 supply terminals for electrical potentials

Feed in at 8 AWG, distribute at 20 AWG.

Z-Series

Feed-Through Terminals

ZDU 2.5-2



ZDU 2.5-2/3AN



ZDU 2.5-2/4AN



ZDU 4-2



Ordering data	Version	Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
	Beige Wemid	ZDU 2.5-2	1772060000	ZDU 2.5-2/3AN	170601	ZDU 2.5-2/4AN	170606	ZDU 4-2	1770370000
	Blue Wemid	ZDU 2.5-2 BL	1772070000	ZDU 2.5-2/3AN BL	170604	ZDU 2.5-2/4AN BL	170607	ZDU 4-2 BL	1770840000
	Orange PA	ZDU 2.5-2 OR	1772080000	ZDU 2.5-2/3AN OR	170605	ZDU 2.5-2/4AN OR	170608	ZDU 4-2 OR	1770850000

Dimensions									
Width/Length/Height mm (in)	with TS 35 x 7.5	5/50.5/43 (.20/1.99/1.69)	5/50.5/43 (.20/1.99/1.69)	5/50.5/43 (.20/1.99/1.69)	5/50.5/43 (.20/1.99/1.69)	5/50.5/43 (.20/1.99/1.69)	5/50.5/43 (.20/1.99/1.69)	5/61.5/46 (.20/2.42/1.81)	5/61.5/46 (.20/2.42/1.81)
Insulation stripping length mm (in)		10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)

Technical data									
Rated voltage/rated current/wire size	UL	600 V / 20 A/ 26...12 AWG	600 V / 20 A/ 26...12 AWG	600 V / 20 A/ 26...12 AWG	600 V / 20 A/ 26...12 AWG	600 V / 20 A/ 26...12 AWG	600 V / 20 A/ 26...12 AWG	600 V / 33 A/ 26...10 AWG	600 V / 33 A/ 26...10 AWG
	CSA	600 V / 23 A/ 26...14 AWG	600 V / 23 A/ 26...14 AWG	600 V / 23 A/ 26...14 AWG	600 V / 23 A/ 26...14 AWG	600 V / 23 A/ 26...14 AWG	600 V / 23 A/ 26...14 AWG	600 V / 33 A/ 26...10 AWG	600 V / 33 A/ 26...10 AWG
	VDE	800 V / 24 A/ 2.5 mm ²	800 V / 24 A/ 2.5 mm ²	800 V / 24 A/ 2.5 mm ²	800 V / 24 A/ 2.5 mm ²	800 V / 24 A/ 2.5 mm ²	800 V / 24 A/ 2.5 mm ²	800 V / 32 A/ 4 mm ²	800 V / 32 A/ 4 mm ²

Selected AccessoryData

End Plate/Partition		Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
(Thickness 2.5 mm)	Beige Wemid	ZAP/TW7	170611	ZAP/TW7	170611	ZAP/TW7	170611	ZAP/ZDU 4-2	177040
	Blue Wemid	ZAP/TW7BL	170612	ZAP/TW7BL	170612	ZAP/TW7BL	170612	ZAP/ZDU 4-2 BL	177088
	Orange PA	ZAP/TW7OR	170613	ZAP/TW7OR	170613	ZAP/TW7OR	170613	ZAP/ZDU 4-2 OR	177089

Jumpers

ZQV	2-pole	ZQV 2.5/2	160886	ZQV 2.5/2	160886	ZQB 2.5	167712	ZQV 4/2	160895
ZQB	3-pole	ZQV 2.5/3	160887	ZQV 2.5/3	160887			ZQV 4/3	160896
	4-pole	ZQV 2.5/4	160888	ZQV 2.5/4	160888			ZQV 4/4	160987
	5-pole	ZQV 2.5/5	160889	ZQV 2.5/5	160889			ZQV 4/5	160898
	6-pole	ZQV 2.5/6	160890	ZQV 2.5/6	160890			ZQV 4/6	160899
	7-pole	ZQV 2.5/7	160891	ZQV 2.5/7	160891			ZQV 4/7	160900
	8-pole	ZQV 2.5/8	160892	ZQV 2.5/8	160892			ZQV 4/8	160901
	9-pole	ZQV 2.5/9	160893	ZQV 2.5/9	160893			ZQV 4/9	160902
	10-pole	ZQV 2.5/10	160894	ZQV 2.5/10	160894			ZQV 4/10	160903
	50-pole	ZQV 2.5/50	169754	ZQV 2.5/50	169754				

Shield Bar LS 2.8



LS 2.8	105640	LS 2.8	105640	LS 2.8	105640	LS 2.8	105640
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Tools



Screwdriver	SD 2	900833	SD 2	900833	SD 2	900833	SD 2	900833
							SD 3	900834

Marking tags

Print



Consecutive horizontal	DEK 5/5	473460001	DEK 5/5	473460001	DEK 5/5	473460001	DEK 5/6	468660001
Consecutive vertical	DEK 5/5	473560001	DEK 5/5	473560001	DEK 5/5	473560001	DEK 5/6	468760001

Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.

ZDU 4-2/3AN



ZDU 6-2

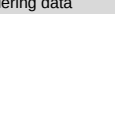


ZDU 6-2/3AN



ZTR 2.5-2/SI



Ordering data		Version	Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
	250 V	Beige Wemid	ZDU 4-2/3AN	1770360000	ZDU 6-2	1771380000	ZDU 6-2/3AN	1771410000	ZTR 2.5-2/SI	1770370000
	10-36 V								ZTR 2.5-2/SI LD	1779040000
	35-70 V								ZTR 2.5-2/SI LD	1779050000
	60-150 V								ZTR 2.5-2/SI LD	1779060000
	140-250 V								ZTR 2.5-2/SI LD	1779070000
		Blue Wemid	ZDU 4-2/3AN BL	1770860000	ZDU 6-2 BL	1771390000	ZDU 6-2/3AN BL	1771420000		
		Orange PA	ZDU 4-2/3AN OR	1770870000	ZDU 6-2 OR	1771400000	ZDU 6-2/3AN OR	1771430000		
Dimensions										
Width/Length/Height	mm (in)	with TS 35 x 7.5	5/61.5/46 (.20/2.42/1.81)		8/68/50 (.31/2.68/1.97)		8/68/50 (.31/2.68/1.97)		5/78/43 (.20/3.07/1.69)	
Insulation stripping length	mm (in)		10 (.39)		12 (.47)		12 (.47)		10 (.39)	
Technical data										
Rated voltage/rated current/wire size	UL		600 V / 33 A/ 26...10 AWG		600 V / 45 A/ 20...8 AWG		600 V / 45 A/ 20...8 AWG		300 V / 6.3 A/ 22...12 AWG	
	CSA		600 V / 33 A/ 26...10 AWG		600 V / 45 A/ 20...8 AWG		600 V / 45 A/ 20...8 AWG		300 V / 6.3 A/ 22...12 AWG	
	VDE		800 V / 32 A/ 4 mm ²		800 V / 42 A/ 6 mm ²		800 V / 41 A/ 6 mm ²		400 V / 6.3 A/ 2.5 mm ²	
Selected AccessoryData										
End Plate/Partition			Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
(Thickness 2.5 mm)	Beige Wemid		ZAP/ZDU 4-2	177040	ZAP/ZDU 6-2	177144	ZAP/ZDU 6-2	177144	ZAP/TW7	170611
	Blue Wemid		ZAP/ZDU 4-2BL	177088	ZAP/ZDU 6-2BL	177145	ZAP/ZDU 6-2BL	177145	ZAP/TW7BL	170612
	Orange PA		ZAP/ZDU 4-2OR	177089	ZAP/ZDU 6-2OR	177146	ZAP/ZDU 6-2OR	177146	ZAP/TW7OR	170613
										
Jumpers										
ZQV	2-pole		ZQV 4/2	160895	ZQV 6/2	162785	ZQV 6/2	162785	ZQV 2.5/2	160886
ZQB	3-pole		ZQV 4/3	160896	ZQV 6/3	162786	ZQV 6/3	162786	ZQV 2.5/3	160887
	4-pole		ZQV 4/4	160987	ZQV 6/4	162787	ZQV 6/4	162787	ZQV 2.5/4	160888
	5-pole		ZQV 4/5	160898					ZQV 2.5/5	160889
	6-pole		ZQV 4/6	160899					ZQV 2.5/6	160890
	7-pole		ZQV 4/7	160900					ZQV 2.5/7	160891
	8-pole		ZQV 4/8	160901					ZQV 2.5/8	160892
	9-pole		ZQV 4/9	160902					ZQV 2.5/9	160893
	10-pole		ZQV 4/10	160903					ZQV 2.5/10	160894
	50-pole								ZQV 2.5/50	169754
Shield Bar LS 2.8										
			LS 2.8	105640	LS 2.8	105640	LS 2.8	105640	LS 2.8	105640
Tools										
	Screwdriver		SD 2	900833	SD 2	900833	SD 2	900833	SD 2	900833
			SD 3	900834	SD 3	900834	SD 3	900834		
Marking tags										
	Consecutive horizontal		DEK 5/6	468660001	DEK 5/8	1653340001	DEK 5/8	1653340001	DEK 5/5	473460001
	Consecutive vertical		DEK 5/6	468760001	DEK 5/8	1653350001	DEK 5/8	1653350001	DEK 5/5	473560001

ZTR 2.5-2



ZDU 2.5-2 D



ZEI 16-2/1AN



Ordering data		Version	Type	Part No.	Type	Part No.	Type	Part No.	
		Beige Wemid	ZTR 2.5-2	1779010000	ZDU 2.5-2 D	1779000000	ZEI 16	1772940000	
			ZTR 2.5-2/O.TNHE	1779020000	ZDU 2.5-2 D	1779110000	ZEI 16 BL	1772950000	
		Blue Wemid	ZTR 2.5-2 BL	1999120000					
		Orange PA	ZTR 2.5-2 OR	1999130000					
Dimensions									
Width/Length/Height	mm (in)	with TS 35 x 7.5	5/50.5/43 (.20/1.99/1.69)		5/50.5/43 (.20/1.99/1.69)		13.8/61.5/51.5 (.54/2.42/2.03)		
Insulation stripping length	mm (in)		10 (.39)		10 (.39)		18 (.71)		
Technical data									
Rated voltage/rated current/wire size	UL		300 V / 10 A/ 22...12 AWG		300 V / - / 22...12 AWG*		600 V / 65A/ 14...4 AWG*		
	CSA		300 V / 10 A/ 22...12 AWG		300 V / - / 22...12 AWG*		600 V / 65A/ 14...4 AWG*		
	VDE		400 V / 10 A/ 2.5 mm ²		400 V / 1 A/ 2.5 mm ²		800 V / 76 A/ 16 mm ²		
Selected Accessory Data									
End Plate/Partition		Type	Part No.	Type	Part No.	Type	Part No.		
(Thickness 2.5 mm)	Beige Wemid	ZAP/TW7	170611	ZAP/TW7	170611	End plate integrated			
	Blue Wemid	ZAP/TW7BL	170612	ZAP/TW7BL	170612				
	Orange PA	ZAP/TW7OR	170613	ZAP/TW7OR	170613				
Jumpers									
ZQV	2-pole	ZQV 2.5/2	160886	ZQV 2.5/2	160886				
ZQB	3-pole	ZQV 2.5/3	160887	ZQV 2.5/3	160887				
	4-pole	ZQV 2.5/4	160888	ZQV 2.5/4	160888				
	5-pole	ZQV 2.5/5	160889	ZQV 2.5/5	160889				
	6-pole	ZQV 2.5/6	160890	ZQV 2.5/6	160890				
	7-pole	ZQV 2.5/7	160891	ZQV 2.5/7	160891				
	8-pole	ZQV 2.5/8	160892	ZQV 2.5/8	160892				
	9-pole	ZQV 2.5/9	160893	ZQV 2.5/9	160893				
	10-pole	ZQV 2.5/10	160894	ZQV 2.5/10	160894				
	50-pole	ZQV 2.5/50	169754	ZQV 2.5/50	169754				
Fuseholder		without LED	with LED						
SIHA2/G20	400 V	953760							
	10-36 V		953761						
	35-70 V		953762						
	60-150 V		953763						
	140-250 V		953764						
Shield Bar LS 2.8									
		LS 2.8	105640	LS 2.8	105640				
Tools									
Screwdriver		SD 2	900833	SD 2	900833	SD 2	900835		
Marking tags		Print							
	Consecutive horizontal	DEK 5/5	473460001	DEK 5/5	473460001	DEK 5/8	1653340001		
	Consecutive vertical	DEK 5/5	473560001	DEK 5/5	473560001	DEK 5/8	1653350001		
Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.									
* Pending									

Z-Series Protective Conductor Terminals

Z-Series Protective Conductor Terminals

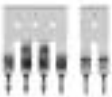
ZPE 2.5-2 ZPE 2.5-2/3AN

ZPE 2.5-2 ZPE 2.5-2/3AN

ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN

ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN ZPE 4-2



Ordering data		Version	Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
Green/Yellow Wemid			ZPE 2.5-2	1772090000	ZPE 2.5-2/3AN	170609	ZPE 2.5-2/4AN	170610	ZPE 4-2	1770380000
Dimensions										
Width/Length/Height mm (in)		with TS 35 x 7.5	5/50.5/43 (.20/1.99/1.69)		5/50.5/43 (.20/1.99/1.69)		5/50.5/43 (.20/1.99/1.69)		6/61.5/46 (.24/2.42/1.81)	
Insulation stripping length mm (in)			10 (.39)		10 (.39)		10 (.39)		10 (.39)	
Technical data										
Rated voltage/rated current/wire size		UL	-V / -A/ 26...12 AWG		-V / -A/ 26...12 AWG		-V / -A/ 26...12 AWG		-V / -A/ 26...10 AWG	
		CSA	-V / -A/ 26...14 AWG		-V / -A/ 26...14 AWG		-V / -A/ 26...14 AWG		-V / -A/ 26...10 AWG	
		VDE	-V /- A/ 2.5 mm²		-V /- A/ 2.5 mm²		-V /- A/ 2.5 mm²		-V /- A/ 4 mm²	
Selected AccessoryData										
End Plate/Partition		Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.	
(Thickness 2.5 mm)		Beige Wemid	ZAP/TW7	170611	ZAP/TW7	170611	ZAP/TW7	170611	ZAP/ZDU 4-2	177040
										
Jumpers										
ZQV		2-pole								
ZQB		3-pole								
		4-pole								
		5-pole								
		6-pole								
		7-pole								
		8-pole								
		9-pole								
		10-pole								
		50-pole								
Shield Bar LS 2.8										
										
Tools										
Screwdriver		SD 2	900833	SD 2	900833	SD 2	900833	SD 2	900833	
										
Marking tags										
Print										
Consecutive horizontal		DEK 5/5	473460001	DEK 5	473460001	DEK 5	473460001	DEK 5/6	468660001	
		Consecutive vertical	DEK 5/5	473560001	DEK 5	473560001	DEK 5	473560001	DEK 5/6	468760001
Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.										

Z-Series Protective Conductor Terminals

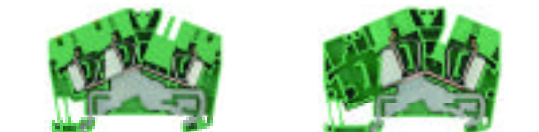
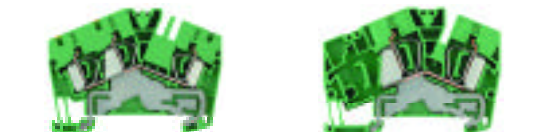
Z-Series Protective Conductor Terminals

ZPE 4-2/3AN ZPE 6-2

ZPE 4-2/3AN ZPE 6-2

ZPE 4-2/3AN ZPE 6-2 ZPE 6-2/3AN ZPE 16-2/1AN

ZPE 4-2/3AN ZPE 6-2 ZPE 6-2/3AN ZPE 16-2/1AN

[illegible]

Dimensions					
Width/Length/Height	mm (in)	with TS 35 x 7.5	6/61.5/46 (.24/2.42/1.81)	8/68/50 (.31/2.68/1.97)	8/68/50 (.31/2.68/1.97)
Insulation stripping length	mm (in)		10 (.39)	10 (.39)	12/65/51.5 (.47/2.56/2.03)

Technical data					
Rated voltage/rated current/wire size	UL	-V / -A/ 26...10 AWG	-V / -A/ 20...8 AWG	-V / -A/ 20...8 AWG	-V / -A/ 14...4 AWG
	CSA	-V / -A/ 26...10 AWG	-V / -A/ 20...8 AWG	-V / -A/ 20...8 AWG	-V / -A/ 14...4 AWG
	VDE	-V / -A/ 4 mm ²	-V / -A/ 6 mm ²	-V / -A/ 6 mm ²	-V / -A/ 16 mm ²

Selected AccessoryData							
End Plate/Partition (Thickness 2.5 mm)		Type	Part No.	Type	Part No.	Type	Part No.
Beige Wemid		ZAP/ZDU 4-2	1770400000	ZAP/ZDU 6-2	1771440000	ZAP/TW7	1771440000
							

Jumpers					
ZQV	2-pole				
ZQB	3-pole				
	4-pole				
	5-pole				
	6-pole				
	7-pole				
	8-pole				
	9-pole				
	10-pole				
	50-pole				

Shield Bar LS 2.8				
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Tools									
	Screwdriver	SD 2	900833	SD 2	900833	SD 2	900833	SD 2	900835
		SD 3	900834	SD 3	900834	SD 3	900834		

Marking tags	Print					
	Consecutive horizontal	DEK 5/6	468660001	DEK 5/8	1653340001	DEK 5/8 1653340001
	Consecutive vertical	DEK 5/6	468760001	DEK 5/8	1653350001	DEK 5/8 1653350001

Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.