

CLIPLINE complete
PTI – push-in connection
technology for building
installation

Tool-free wiring with PTI – installation terminal blocks

PTI installation terminal blocks enable the quick and space-saving configuration of building installation distributors. The reduction in insertion force of up to 50% offered by push-in technology enables easy, direct insertion of solid and stranded conductors with ferrules with a cross section of 0.34 mm² or higher.

Benefit from the advantages of the new installation terminal blocks in your building installation tasks.

Easy and safe isolation

The robust, screwless disconnect slide securely locks into the end positions and is clearly visible in the relevant location.

Easy jumpering

Two function shafts on each level facilitate potential distribution. Even three-phase distributions can be implemented within a terminal strip.



**Simply strip
... insert
... and you're done!**

Easy testing

All PTI installation terminal blocks provide test openings for 2.3 mm test plugs. All measurement and testing can therefore be carried out quickly and easily even when all function shafts are occupied.

Clearly structured

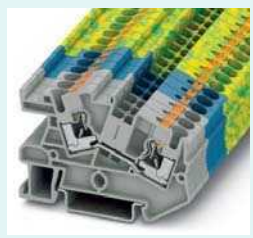
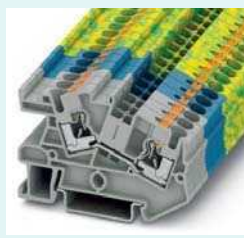
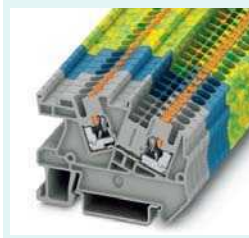
Each terminal point supports clear, large-surface labeling. Markings can be clearly seen at each terminal block mounting position in the installation distributor.



Easy release

The integrated lever enables you to release connected conductors using any type of tool – easily and without direct contact with live parts.

Feed-through and ground terminal blocks



Type	Order No.	PTI 2,5	3213968	PTI 4	3213970	PTI 6	3213972
		PTI 2,5 BU	3213969	PTI 4 BU	3213971	PTI 6 BU	3213973
		PTI 2,5-PE	3213962	PTI 4-PE	3213964	PTI 6-PE	3213966
Width / length / height	[mm]	5.2 / 59.5 / 43		6.2 / 66 / 46.3		8.2 / 66.3 / 50	
Current / voltage	[A] / [V]	24 / 800		32 / 800		41 / 800	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.2 - 6 / 24 - 10 // 0.2 - 4 / 24 - 12		0.5 - 10 / 20 - 8 // 0.5 - 6 / 20 - 10	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.25 - 4		0.5 - 6	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.5 - 4 / 0.5 - 6		1 - 6 / 1 - 10	

Neutral conductor disconnect terminal blocks



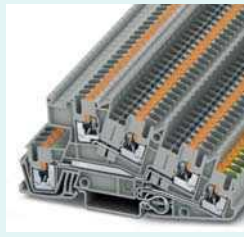
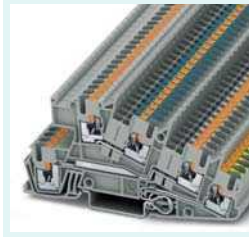
Type	Order No.	PTN 2,5	3213963	PTN 4	3213965	PTN 6	3213967
Width / length / height	[mm]	5.2 / 59 / 46.3		6.2 / 66 / 46.3		8.2 / 66.3 / 50	
Current / voltage	[A] / [V]	24 / 250		32 / 250		41 / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.2 - 6 / 24 - 10 // 0.2 - 4 / 24 - 12		0.5 - 10 / 20 - 8 // 0.5 - 6 / 20 - 10	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.25 - 4		0.5 - 6	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.5 - 4 / 0.5 - 6		1 - 6 / 1 - 10	

Three-level installation terminal blocks with neutral conductor disconnection



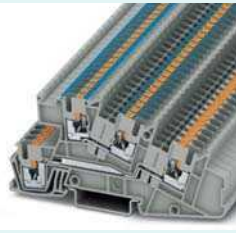
Type	Order No.	PTI 2,5-PE/L/NT	3213946	PTI 2,5-L/NT	3213947
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾ / 400		30 ¹⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

Three-level installation terminal blocks with PE foot



Type	Order No.	PTI 2,5-PE/L/N	3213950	PTI 2,5-PE/L/L	3213949
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾ / 400		30 ¹⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

Three-level installation terminal blocks

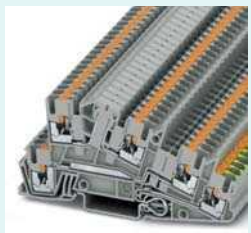


Type	Order No.	PTI 2,5-L/N	3213954	PTI 2,5-L/L	3213953	PTI 2,5-L	3213951
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾ / 400		30 ¹⁾ / 400		30 ¹⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

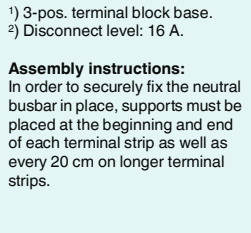


Type	Order No.	PTI 2,5-N	3213952
Width / length / height	[mm]	5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4	

Three-level installation terminals for individual circuit isolation acc. to DIN VDE 0100-718



Type	Order No.	PTI 2,5-PE/L/NTB	3213955	PTI 2,5-PE/L/LTB	3213957	PTI 2,5-PE/L/LB	3213959
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾²⁾ / 400		30 ¹⁾²⁾ / 400		30 ¹⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	



Type	Order No.	PTI 2,5-L/NTB	3213956	PTI 2,5-L/LTB	3213958
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾²⁾ / 400		30 ¹⁾²⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

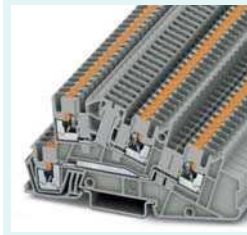
¹⁾ 3-pos. terminal block base.

²⁾ Disconnect level: 16 A.

Assembly instructions:

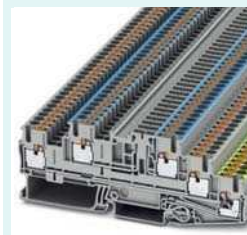
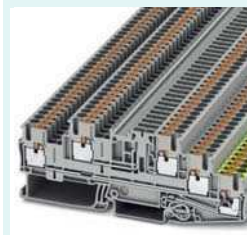
In order to securely fix the neutral busbar in place, supports must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.

Three-level installation terminal blocks with universal disconnect zone



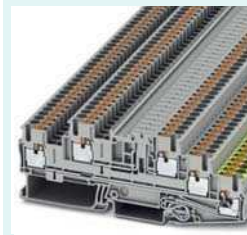
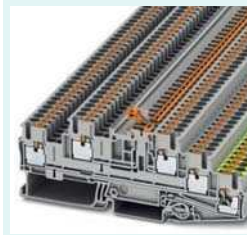
- 1) 3-pos. terminal block base.
- 2) Depends on the accessories used.
- 3) Disconnect level: 16 A.
- 4) Depends on the power dissipation of the components, maximum of 1 W for single arrangement.
- 5) The total current of all connected conductors must not exceed the maximum load current.

Type	Order No.	PTI 2,5-PE/L/TG	3213960	PTI 2,5-L/TG	3213961
Width / length / height	[mm]	5.2 / 101 / 50.5		5.2 / 101 / 50.5	
Current / voltage	[A] / [V]	30 ¹⁾²⁾ / 400		30 ¹⁾²⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	



Type	Order No.	PTB 2,5-PE/L/TG	3210539	PTB 2,5-PE/L/NTG	3210545
Width / length / height	[mm]	5.2 / 118 / 42.3		5.2 / 118 / 42.3	
Current / voltage	[A] / [V]	30 ¹⁾²⁾ / 400		30 ¹⁾²⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

Three-level installation terminal blocks with knife disconnect zone



Type	Order No.	PTB 2,5-PE/L/MT	3210549	PTB 2,5-PE/L/L	3210547
Width / length / height	[mm]	5.2 / 118 / 42.3		5.2 / 118 / 42.3	
Current / voltage	[A] / [V]	30 ¹⁾²⁾³⁾ / 400		30 ¹⁾²⁾ / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule without/with plastic sleeve	[mm ²]	0.14 - 2.5		0.14 - 2.5	
Can be plugged in directly: with ferrule / solid	[mm ²]	0.34 - 2.5 / 0.34 - 4		0.34 - 2.5 / 0.34 - 4	

Isolating, component, and fuse plugs



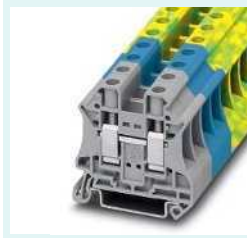
Type	Order No.	P-DI	3036783	P-CO	3036796	P-FU 5X20-5	3209235
Width	[mm]	3.5		5.2		5.2	
Current / voltage	[A] / [V]	20 / -		6 ⁴⁾ / 400		6.3 / 400	
				P-CO 1N4007/R-L	3032457	P-FU 5X20 LED 24-5	3209248
				P-CO 1N4007/L-R	3032460	P-FU 5X20 LED 60-5	3209251
						P-FU 5X20 LA 250-5	3209264

Terminal block bases for potential distribution



Type	Order No.	PTU 16/14X2,5 GY	3214016	PTU 16/14X2,5 BU	3214014	PTU 16/14X2,5 GN	3214015
Width / length / height	[mm]	17.5 / 89.5 / 36		17.5 / 89.5 / 36		17.5 / 89.5 / 36	
Current / voltage	[A] / [V]	80 ³⁾ / 690		80 ³⁾ / 690		80 ³⁾ / 690	
		Screw		Screw		Screw	
Solid / AWG // stranded / AWG	[mm ²] / -	1.5 - 25 / 14 - 4 // 2.5 - 16 / 12 - 6		1.5 - 25 / 14 - 4 // 2.5 - 16 / 12 - 6		1.5 - 25 / 14 - 4 // 2.5 - 16 / 12 - 6	
Stranded with ferrule / AWG	[mm ²] / -	1.5 - 16 / 14 - 6		1.5 - 16 / 14 - 6		1.5 - 16 / 14 - 6	
2 conductors (of the same type) solid / stranded	[mm ²] / [mm ²]	1.5 - 10 / 1.5 - 6		1.5 - 10 / 1.5 - 6		1.5 - 10 / 1.5 - 6	
Solid	[mm ²]	Two push-in	Twelve push-in	Two push-in	Twelve push-in	Two push-in	Twelve push-in
		1.5 - 4	1 - 2.5	1.5 - 4	1 - 2.5	1.5 - 4	1 - 2.5

Feed-through/ground terminal blocks



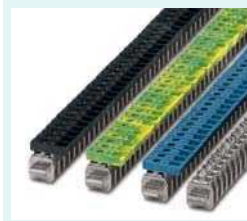
Type	Order No.	UT 10	3044160	UTI 16	3073827
Width / length / height	[mm]	10.2 / 47.7 / 47.5		12.2 / 51 / 50.5	
Current / voltage	[A] / [V]	76 / 1000		76 / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.5 - 16 / 20 - 6 // 0.5 - 16 / 20 - 6		6 - 25 / 10 - 4 // 6 - 16 / 10 - 6	
Stranded with ferrule / AWG	[mm ²] / -	0.5 - 10 / 20 - 8		6 - 16 / 10 - 6	
2 conductors (of the same type) solid / stranded	[mm ²] / [mm ²]	0.5 - 4 / 0.5 - 4		2.5 - 10 / 2.5 - 6	

Neutral conductor disconnect terminal blocks



Type	Order No.	UTN 10	3245040	UTN 16	3245053
Width / length / height	[mm]	10.2 / 55 / 47.5		12.2 / 55 / 50.5	
Current / voltage	[A] / [V]	57 / 400		76 / 400	
Solid / AWG // stranded / AWG	[mm ²] / -	0.5 - 16 / 20 - 6 // 0.5 - 16 / 20 - 6		6 - 25 / 10 - 4 // 6 - 16 / 10 - 6	
Stranded with ferrule / AWG	[mm ²] / -	0.5 - 10 / 20 - 8		6 - 16 / 10 - 6	
2 conductors (of the same type) solid / stranded	[mm ²] / [mm ²]	0.5 - 4 / 0.5 - 4		2.5 - 10 / 2.5 - 6	

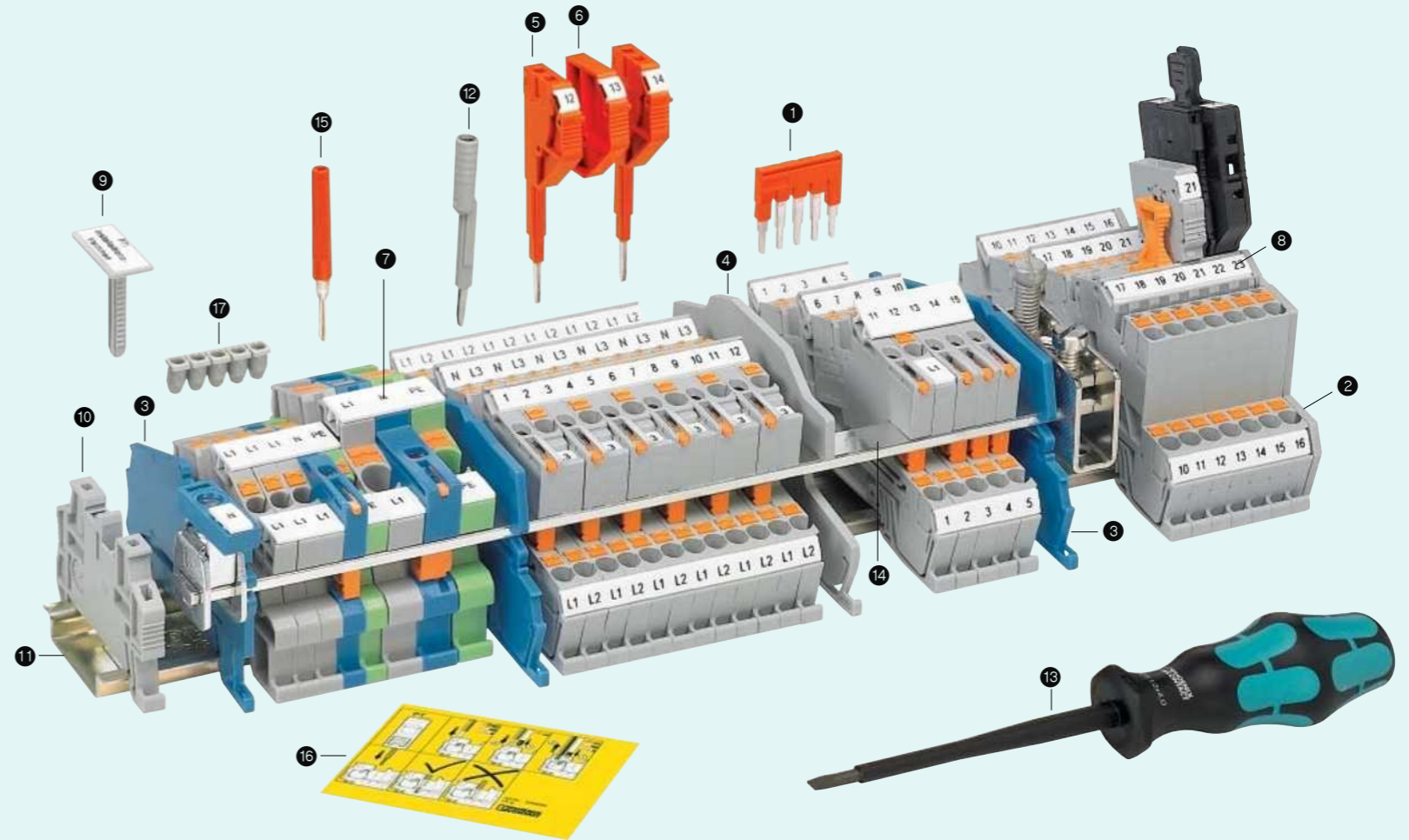
L/N/PE connection terminal blocks



Type	Order No.	AGK 4 BK	0421032	AGK 16 BK	0423030	EK 116	0401010
Connection	[mm ²]	Up to 6		Up to 16		Up to 16	
Width / length / height	[mm]	7 / 23.5 / 26		10 / 23.5 / 35		8 / 40 / 36	
Current / voltage	[A] / [V]	41 / -		76 / -		76 / -	
Solid / AWG // stranded / AWG	[mm ²] / -	0.5 - 6 / 20 - 10 // 0.5 - 4 / 20 - 12		1.5 - 16 / 16 - 6 // 1.5 - 16 / 16 - 6		0.5 - 16 / 20 - 6 // 0.5 - 10 / 20 - 8	

PT accessories

Mounting material	Type	Order No.
9 Terminal strip marker carrier, adjustable height, for CLIPFIX 35-5, can be labeled with label	KLM 3-L	0814788
10 Quick mounting end clamp	CLIPFIX 35-5	3022276
11 35 x 7.5 mm DIN rail galvanized and thick layer passivated unperforated 35 x 15 mm DIN rail galvanized and thick layer passivated unperforated	NS 35/7,5 UNPERF 2000MM NS 35/7,5 PERF 2000MM	0801681 0801733
12 Test adapter, for 4 mm Ø PS test plug and 4 mm Ø safety test plug	PAI-4-N GY	3032871
DIN rail end cap	NS 35/ 7,5 CAP	1206560
13 Screwdriver	SZF 1-0,6X3,5	1204517
14 Neutral busbar, 3 x 10 x 1000 mm, copper, tin-plated	NLS-CU 3/10 SN 1000MM	0402174
15 Test plug, consisting of: metal part for 2.3 mm Ø safety test plug and insulating sleeve, for MPS metal part	MPS-MT MPS-IH RD	0201744 0201676
16 Operating instructions, label for control cabinet	PT-IL	3208090
17 Insulating sleeve, 0.08 - 0.2 mm ² white for PTI 2,5 0.25 - 0.5 mm ² gray for PTN 2,5 0.75 - 1 mm ² black for PTN 2,5 0.25 - 0.5 mm ² gray for PTI 4 0.75 - 1 mm ² black for PTN 4	ISH 2,5/0,2 ISH 2,5/0,5 ISH 2,5/1,0 ISH 4/0,5 ISH 4/1,0	3002843 3002856 3002869 3002885 3002898
Reducing bridge, from PTI 6 to PTI 4/ ...2,5 from PTN 6 to PTI 4/ ...2,5	RB ST 6-(2,5/4)	3030860
Support, for neutral busbar	AB/SS	0404428
Double support, for neutral busbar	ABN 2/SS AB2/SS	0404460 0404431
Triple support, for neutral busbar	AB3/SS	0800086



Terminal block	Bridges						I _{max}	Cover	Support	Partition plate	Modular test plug	Spacer plate for test plug	Marking	
	2-pos.	3-pos.	4-pos.	5-pos.	10-pos.	20-pos.							Center groove	Center and lateral groove
PTI 2,5	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	24 A	D-DTI 2,5 3034824	AB-PTI 3214006	—	PS-5 3030983	DP PS-5 3036725	UC-TM 5 0818108	UC-TMF 5 0818153
PTI 4	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	32 A	D-DTI 4 3034895	AB-PTI 3214006	—	PS-6 3030996	DP PS-6 3036738	UC-TM 6 0818085	UC-TMF 6 0818140
PTI 6	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	41 A	D-DTI 6 3034947	AB-PTI 6 3214008	—	PS-8 3031005	DP PS-8 3036741	UC-TM 8 0818072	UC-TMF 8 0818137
PTN 2,5	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	24 A	D-PTN 2,5 3213977	AB-PTI 3214006	—	PS-5 3030983	DP PS-5 3036725	UC-TM 5 0818108	UC-TMF 5 0818153
PTN 4	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	32 A	D-PTN 4 3213978	AB-PTI 3214006	—	PS-6 3030996	DP PS-6 3036738	UC-TM 6 0818085	UC-TMF 6 0818140
PTN 6	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	41 A	D-PTN 6 3213979	AB-PTI 6 3214008	—	PS-8 3031005	DP PS-8 3036741	UC-TM 8 0818072	UC-TMF 8 0818137
PTI 2,5... three-level installation terminal blocks	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	24 A	D-PTI/3 3213975	AB-PTI/3 3213974	ATP-PTI/3 3213990	PS-5 3030983	DP PS-5 3036725	UC-TM 5 0818108	UC-TMF 5 0818153
PTI 2,5.../NTB/LTB/LB/TG three-level installation terminal blocks	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	24 A	D-PTI/3B 3213976	—	—	PS-5 3030983	DP PS-5 3036725	UC-TM 5 0818108	UC-TMF 5 0818153
UT 10	FBS 2-10 3005947	—	—	—	—	—	57	D-UT 2,5/10 3047028	AB-UTN 2,5/10 3245082	ATP-UT 3047167	—	—	UC-TM 10 0818069	UC-TMF 10 0818124
UTI 16	—	—	—	—	FBI 10-12 0203454	—	101 A	—	AB-UTN 2,5/10 3245082	—	—	—	UC-TM 12 0819194	UC-TMF 12 0819233
UTN 10	FBS 2-10 3005947	—	—	—	—	—	57	D-UT 2,5/10 3047028	AB-UTN 2,5/10 3245082	ATP-UT 3047167	—	—	UC-TM 10 0818069	UC-TMF 10 0818124
UTN 16	—	—	—	—	—	—	—	—	AB-UTN 2,5/10 3245082	—	—	—	UC-TM 12 0819194	UC-TMF 12 0819233

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AUTOMATION

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