

Terminal blocks – CLIPLINE complete

6 mm² COMBI PT plug-in connection solutions

General technical data

Rated data		IEC 61984			
Rated cross section	[mm ²]	6			
Cross section range	AWG	20 - 8			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm ²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-	-	0.5 - 1.5
Connection cross sections directly plug-in	[mm ²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

Note: Additional or deviating data is listed alongside the respective product.

Notes:



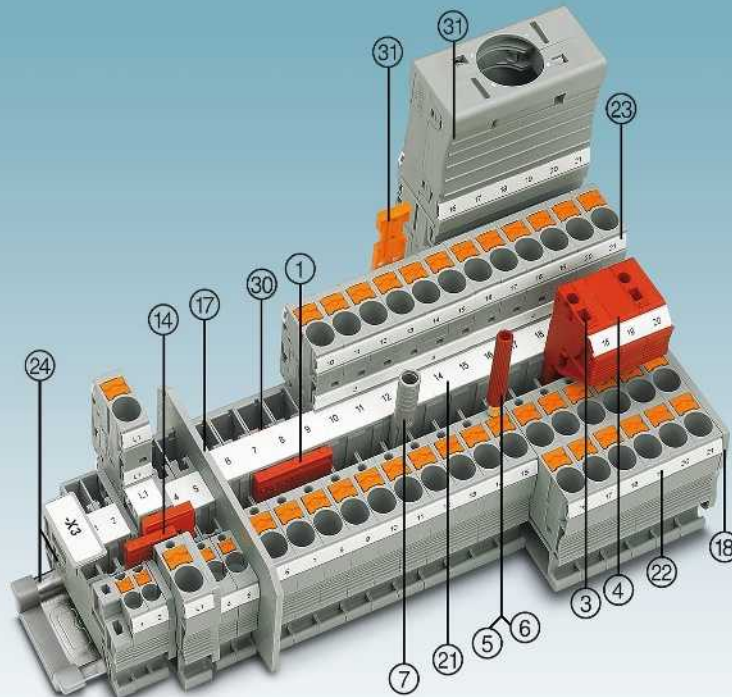
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

¹⁾ The bridge current is listed alongside the respective product. For additional colors, see page 402.

System accessories

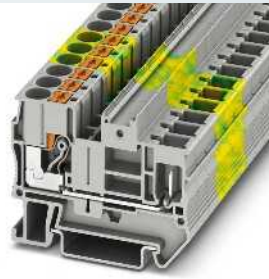
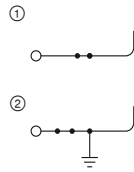


Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	3030323	10	FBSR 10-8	3001599	10
	16	red				FBSR 16-8	3033816	10
③ Modular test plug		red	PS-8	3031005	10			
④ Spacer plate		red	DP PS-8	3036741	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑦ Test adapter, 4 mm socket hole		gray	PAI-4-N GY	3032871	10			
⑨ Coding profile		red	PC	3040588	50			
Screwdriver			SZF 2-0,8X4,0	1204520	10			
⑭ Reducing bridge	For RB ..., see page 408.							
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products							
⑱ Cover	Listed alongside the respective product.							
⑳ Center groove labeling	UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables, from page 60.							
㉑ Center and side groove labeling	UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.							
㉒ Lateral groove labeling	UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.							
㉓ DIN rail and end bracket	See Catalog 3							
㉔ Latching, strain relief, shielding	See page 362.							
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.							

Feed-through, multi-conductor, and ground terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 346.
- 2) For derating curve, visit phoenixcontact.net/products



41 A, feed-through terminal block



Technical data ¹⁾				
Width	Length	Height		
8.2	57.7	43.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
41 ²⁾	1000	0.5 - 10	20-8	
41 (FBS) / 32 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	-
Nominal current / cross section [A] / [mm ²]	41 ²⁾ / 6	40 / -	40 / -	- / -

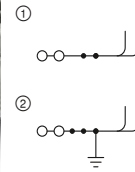
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 6/1P	① 3061758	50	
PT 6/1P BU	① 3061761	50	
PT 6/1P-PE	② 3061774	50	

Accessories ¹⁾		
D-PT 6	Order No.	Pcs./Pkt.
D-PT 6	3212044	50

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
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41 A, feed-through terminal block, 4 connections



Technical data ¹⁾				
Width	Length	Height		
8.2	99.8	43.5 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
41 ²⁾	1000	0.5 - 10	20-8	
41 (FBS) / 32 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	-
Nominal current / cross section [A] / [mm ²]	41 ²⁾ / 6	40 / -	40 / -	- / -

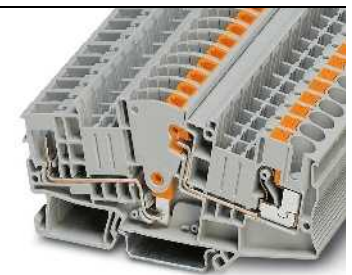
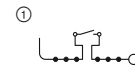
Ordering data		
Type	Order No.	Pcs./Pkt.
PT 6-QUATTRO/2P	① 3061826	50
PT 6-QUATTRO/2P BU	① 3061839	50
PT 6-QUATTRO/2P-PE	② 3061842	50

Accessories ¹⁾		
D-PT 6-QUATTRO/2P	Order No.	Pcs./Pkt.
D-PT 6-QUATTRO/2P	3061855	50

Test disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 346.
 - 2) For derating curve, visit phoenixcontact.net/products
- For pre-assembled bridges, see phoenixcontact.net/products



30 A, test disconnect terminal block



Dimensions		[mm]
Maximum electrical data		
Maximum bridge current	[A]	
Rated data		
Rated voltage	[V]	
Nominal current / cross section	[A] / [mm ²]	

Description	Color
Terminal block, for mounting on NS 35...	gray

Cover, width: 2.2 mm	gray
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Technical data ¹⁾				
Width	Length	Height		
8.2	99.4	49.6 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	
30 ²⁾	500	0.5 - 10	20-8	
41 (FBS) / 32 (FBSR)				
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm ²]	30 ²⁾ / 6	30 / -	30 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTME 6/1P	① 3212306	50

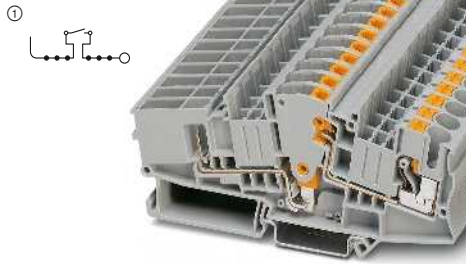
Accessories ¹⁾		
D-PTME 6/1P	Order No.	Pcs./Pkt.
D-PTME 6/1P	3212307	10

Terminal blocks – CLIPLINE complete

6 mm² COMBI PT plug-in connection solutions

Test disconnect terminal blocks

Notes:
 1) For additional accessories and technical data, see page 346.



30 A, current transformer disconnect terminal block, for short-circuit plugs

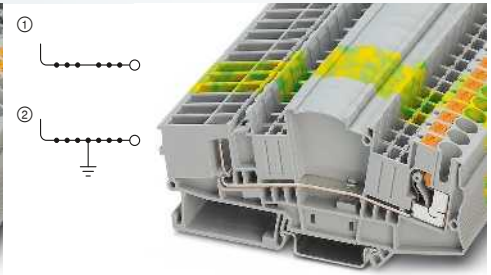


Technical data ¹⁾				
Width	Length	Height		
8.2	114.9	49.6 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
30	500	0.5 - 10	20-8	
41 (FBS) / 32 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
30 / 6	30 / -	30 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTME 6-CT/1P	3212300	50	

Accessories ¹⁾			
D-PTME 6-CT/1P	Order No.	Pcs./Pkt.	
D-PTME 6-CT/1P	3212303	10	

Dimensions		[mm]
Maximum electrical data		
Maximum bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm ²]
Description		Color
Disconnect terminal block		gray
Feed-through terminal block		gray
Ground terminal		green-yellow
Cover, width: 2.2 mm		gray



30 A, feed-through terminal block, for short-circuit plugs



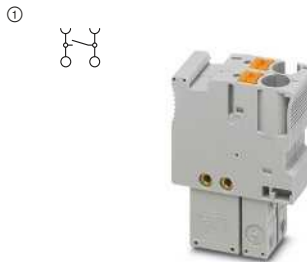
Technical data ¹⁾				
Width	Length	Height		
8.2	114.9	49.6 (NS 35/7,5)		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
30	500	0.5 - 10	20-8	
41 (FBS) / 32 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	600	-	
Nominal current / cross section [A] / [mm ²]				
30 / 6	30 / -	30 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTMED 6-CT/1P	3212301	50	
PTMED 6-CT/1P-PE	3212302	50	

Accessories ¹⁾			
D-PTME 6-CT/1P	Order No.	Pcs./Pkt.	
D-PTME 6-CT/1P	3212303	10	

Connectors, with integrated short-circuit function

Notes:
 1) For additional accessories and technical data, see page 346.



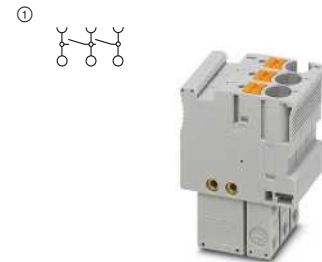
20 A, connector, 2-pos.



Technical data ¹⁾				
Width	Length	Height		
16.4	38.5	48.5		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	320	0.5 - 10	20-8	
IEC	UL / CUL	CSA	Ex	
320	600	600	-	
Nominal current / cross section [A] / [mm ²]				
20 / 6	30 / -	30 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PPCT 6/2	3212304	10	

Description		Color
COMBI connector, with integrated short-circuit function, 2-pos.		gray
3-pos.		gray



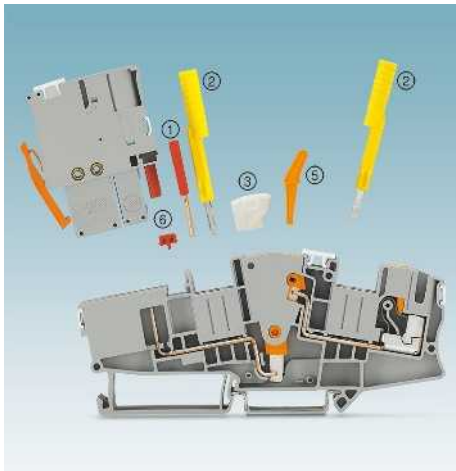
20 A, connector, 3-pos.



Technical data ¹⁾				
Width	Length	Height		
24.6	38.5	48.5		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
20	320	0.5 - 10	20-8	
IEC	UL / CUL	CSA	Ex	
320	600	600	-	
Nominal current / cross section [A] / [mm ²]				
20 / 6	30 / -	30 / -	- / -	

Ordering data			
Type	Order No.	Pcs./Pkt.	
PPCT 6/3	3212305	10	

Supplementary accessories for PTME 6-CT/1P test disconnect terminal blocks



- A current transformer measuring circuit can be created using just two PTME 6-CT/1P
- Less space required compared to creating circuits with slide-type terminal blocks
- ① FBS... plug-in bridge for cross connection
- ② 4 mm Ø PAI-4-FIX... test plug adapter
- ③ S-ME 6 switching lock
- ④ SB-ME... bridge bar
- ⑤ C-ME 6/2 operating lever
- ⑥ PC-CT 6... coding set

Notes:

1) The coding set can be used to code up to 30 plugs.

Ordering data					
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter , for 4-mm-Ø safety test connector, snapped into bridge shaft	1	orange	PAI-4-FIX OG	3034455	10
	1	yellow	PAI-4-FIX YE	3032745	10
	1	green	PAI-4-FIX GN	3032758	10
	1	violet	PAI-4-FIX VT	3032761	10
	1	black	PAI-4-FIX BK	3032774	10
	1	blue	PAI-4-FIX BU	3032729	10
	1	red	PAI-4-FIX RD	3032732	10
	1	gray	PAI-4-FIX GY	3032790	10
	1	brown	PAI-4-FIX BN	3032787	10
	1	white	PAI-4-FIX WH	3032797	10
Switching lock , plug-in		white	S-ME 6	3034439	10
Switching bridge , plug-in	2	gray/orange	SB-ME 2-8	3034468	10
	3	gray/orange	SB-ME 3-8	3032800	10
	4	gray/orange	SB-ME 4-8	3034484	10
Operating lever , for actuating test disconnect terminal blocks	1	orange	C-ME 6/1	3034441	10
	2	orange	C-ME 6/2	3034442	10
	3	orange	C-ME 6/3	3034390	50
Coding set , for 2-pos. plugs ¹⁾		red	PC-CT 6/2	3212308	1

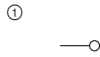
Terminal blocks – CLIPLINE complete

6 mm² COMBI PT plug-in connection solutions

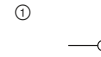
Couplings

Notes:

- 1) For additional accessories and technical data, see page 346.
- 2) For derating curve, visit phoenixcontact.net/products



41 A, coupling

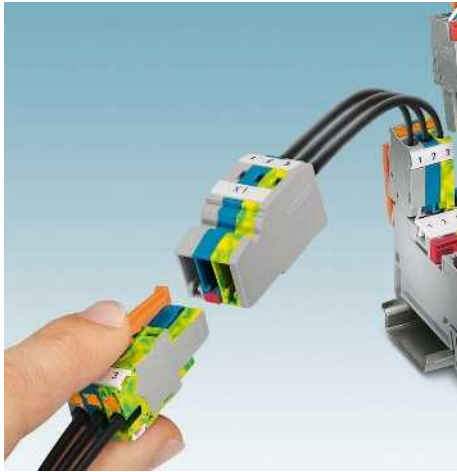


41 A, coupling, for self-assembly



Dimensions				Technical data ¹⁾				Technical data ¹⁾			
[mm]				Width	Length	Height		Width	Length	Height	
				8.2 x No. of pos.	47	24.7		8.2 x No. of pos.	47	24.7	
Maximum electrical data				Technical data ¹⁾				Technical data ¹⁾			
				I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
				41	1000	0.5 - 10	20-8	41 ²⁾	1000	0.5 - 10	20-8
Rated data				Technical data ¹⁾				Technical data ¹⁾			
Rated voltage [V]				IEC UL / CUL CSA Ex				IEC UL / CUL CSA Ex			
Nominal current / cross section [A] / [mm ²]				1000 600 600 -				1000 600 600 -			
				41 / 6 40 / - 36 / - - / -				41 ²⁾ / 6 40 / - 36 / - - / -			
Description				Ordering data				Ordering data			
				Type	Order No.	Pcs./Pkt.		Type	Order No.	Pcs./Pkt.	
COMBI coupling				Ordering data				Ordering data			
No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.		Type	Order No.	Pcs./Pkt.		
2	16.4 mm	gray	PPC 6/2	3000693	25		PPC 6/1-L	3000690	50		
3	24.6 mm	gray	PPC 6/3	3000694	25		PPC 6/1-L BU	3000691	50		
4	32.8 mm	gray	PPC 6/4	3000695	25		PPC 6/1-L GNYE	3000692	50		
5	41 mm	gray	PPC 6/5	3000697	25						
6	49.2 mm	gray	PPC 6/6	3000698	25						
7	57.4 mm	gray	PPC 6/7	3000699	25						
8	65.6 mm	gray	PPC 6/8	3000700	25						
9	73.8 mm	gray	PPC 6/9	3000701	25						
10	82 mm	gray	PPC 6/10	3000702	25						
COMBI coupling, for self-assembly				Accessories ¹⁾				Accessories ¹⁾			
1	8.2 mm	gray	MPS-MT	0201744	10		MPS-MT	0201744	10		
1	8.2 mm	blue	MPS-IH RD	0201676	10		MPS-IH RD	0201676	10		
1	8.2 mm	green/yellow	D-PPC 6	3000703	10		D-PPC 6	3000703	10		
Test plug metal part, 2.3 mm Ø				Accessories ¹⁾				Accessories ¹⁾			
gray				PC				PC			
Insulating sleeve, for MPS metal part				Accessories ¹⁾				Accessories ¹⁾			
red				PZ/2				PZ/2			
Cover, width: 2.2 mm				Accessories ¹⁾				Accessories ¹⁾			
gray				0201744				0201744			
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks				Accessories ¹⁾				Accessories ¹⁾			
red				0201676				0201676			
Strain relief, for plugs, 2-pos.				Accessories ¹⁾				Accessories ¹⁾			
black				3040588				3040588			
				3040627				3040627			

Couplings



- The panel feed-through can be used to securely fasten free-hanging PPC 6 couplings in panel cutouts
- The panel feed-through elements are snapped onto the free-hanging receptacles, and pushed into the panel cutout where they snap in automatically

Notes:

1) For additional accessories and technical data, see page 346.

①



41 A, coupling for DIN rail mounting

Technical data¹⁾

Dimensions	Width	Length	Height	
	8.2	43	38 (NS 35/7,5) / 38 (NS 15)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. \varnothing [mm ²]	AWG (UL)
	41	1000	0.5 - 10	20-8
Rated data	Rated voltage	1000	600	600
	Nominal current / cross section	41 / 6	40 / -	36 / -
				- / -

Description	Color	Type	Order No.	Pcs./Pkt.
COMBI coupling	gray	PPC 6-NS/1-L	3000689	50

Ordering data

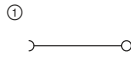
Accessories ¹⁾				
Cover, width: 2.2 mm	gray	D-PPC 6	3000703	10
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	PC	3040588	50
Strain relief, for plugs, 2-pos.	black	PZ/2	3040627	50

Terminal blocks – CLIPLINE complete

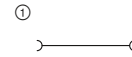
6 mm² COMBI PT plug-in connection solutions

COMBI connectors

Notes:
1) For additional accessories and technical data, see page 346.
2) For derating curve, visit phoenixcontact.net/products



41 A, connector, connection in plug-in direction



41 A, connector, connection in plug-in direction, for self-assembly



Dimensions				Technical data ¹⁾				Technical data ¹⁾			
[mm]				Width	Length	Height	Height plugged	Width	Length	Height	Height plugged
				8.2 x No. of pos.	21	49.3	31.2	8.2 x No. of pos.	21	49.3	31.2
Maximum electrical data				I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
				41 ²⁾	1000	0.5 - 10	20-8	41 ²⁾	1000	0.5 - 10	20-8
Rated data				IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]				1000	600	600	-	1000	600	600	-
Nominal current / cross section [A] / [mm ²]				41 ²⁾ / 6	40 / -	40 / -	- / -	41 ²⁾ / 6	40 / -	40 / -	- / -
Ordering data				Ordering data							
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.		
COMBI connectors	1	8.2 mm	gray	PP-H 6/ 1	3061541	50	PP-H 6/ 1-L	3061664	50		
	2	16.4 mm	gray	PP-H 6/ 2	3061570	50	PP-H 6/ 1-L BU	3061677	50		
	3	24.6 mm	gray	PP-H 6/ 3	3061583	50	PP-H 6/ 1-L GNYE	3061680	50		
	4	32.8 mm	gray	PP-H 6/ 4	3061596	50	PP-H 6/ 1-M	3061693	50		
	5	41 mm	gray	PP-H 6/ 5	3061606	50	PP-H 6/ 1-M BU	3061703	50		
	6	49.2 mm	gray	PP-H 6/ 6	3061619	25	PP-H 6/ 1-M GNYE	3061716	50		
	7	57.4 mm	gray	PP-H 6/ 7	3061622	25	PP-H 6/ 1-R	3061729	50		
	8	65.6 mm	gray	PP-H 6/ 8	3061635	25	PP-H 6/ 1-R BU	3061732	50		
	9	73.8 mm	gray	PP-H 6/ 9	3061648	25	PP-H 6/ 1-R GNYE	3061745	50		
	10	82 mm	gray	PP-H 6/10	3061651	25					
COMBI connector, left element	1	8.2 mm	blue	PP-H 6/ 1 BU	3061554	50					
	1	8.2 mm	green-yellow	PP-H 6/ 1 GNYE	3061567	50					
COMBI connector, center element	1	8.2 mm	gray								
	1	8.2 mm	blue								
COMBI connector, right element	1	8.2 mm	green/yellow								
	1	8.2 mm	gray								
COMBI connector, right element	1	8.2 mm	blue								
	1	8.2 mm	green/yellow								
Accessories ¹⁾				Accessories ¹⁾							
Test plug metal part, 2.3 mm Ø		gray		MPS-MT	0201744	10	MPS-MT	0201744	10		
Insulating sleeve, for MPS metal part		red		MPS-IH RD	0201676	10	MPS-IH RD	0201676	10		
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.		orange		PRZ	3040614	50	PRZ	3040614	50		
Latching, for connectors, 1-pos.		orange		PR	3040559	50	PR	3040559	50		
Latching, for connectors, 2-pos.		orange		PR/2	3040630	50	PR/2	3040630	50		
Strain relief, for plugs, 2-pos.		black		PZ/2	3040627	50	PZ/2	3040627	50		
Cable housing, for PP-H 6... COMBI plugs and PPCT 6/..., 2-pos.	3-pos.		gray	PH 6/2	3000680	25	PH 6/2	3000680	25		
	4-pos.		gray	PH 6/3	3000681	25	PH 6/3	3000681	25		
	5-pos.		gray	PH 6/4	3000682	25	PH 6/4	3000682	25		
	6-pos.		gray	PH 6/5	3000683	25	PH 6/5	3000683	25		
	6-pos.		gray	PH 6/6	3000684	10	PH 6/6	3000684	10		
	7-pos.		gray	PH 6/7	3000685	10	PH 6/7	3000685	10		