

COMBI plug-in connection solutions

The COMBI connection system enables the time-saving and modular configuration of your application. Its distinguishing feature is its standardized plug-in zone. This allows you to combine basic terminal blocks which are available in Push-in, spring-cage, fast connection, and screw connection versions with one another in any configuration.

The rated values of up to 41 A and 1000 V has made a plug-in system for signal and power wiring possible. The system meets the most stringent of vibration requirements. Both the terminal blocks and the plugs are of a touch-proof design.

In addition, all plugs can be individually assembled, i.e., they can be adapted to match the required number of positions in each application. The COMBI plug-in system can be combined with the CES cable entry system (see Catalog 2) by routing the pre-assembled cables with a high degree of protection (IP54) into control cabinets and housing in a manner that saves space. This produces a quick and low-cost alternative to using heavy-duty plug-in plugs.

Push-in connection

 Your web code: [#1276](#)

Screw connection

 Your web code: [#1400](#)

Spring-cage connection

 Your web code: [#1398](#)

Quick connection

 Your web code: [#1399](#)

Product range overview

1.5 mm²

Push-in connection	277
Fast connection	287

2.5 mm²

Push-in connection	291
Screw connection	303
Spring-cage connection	309

4 mm²

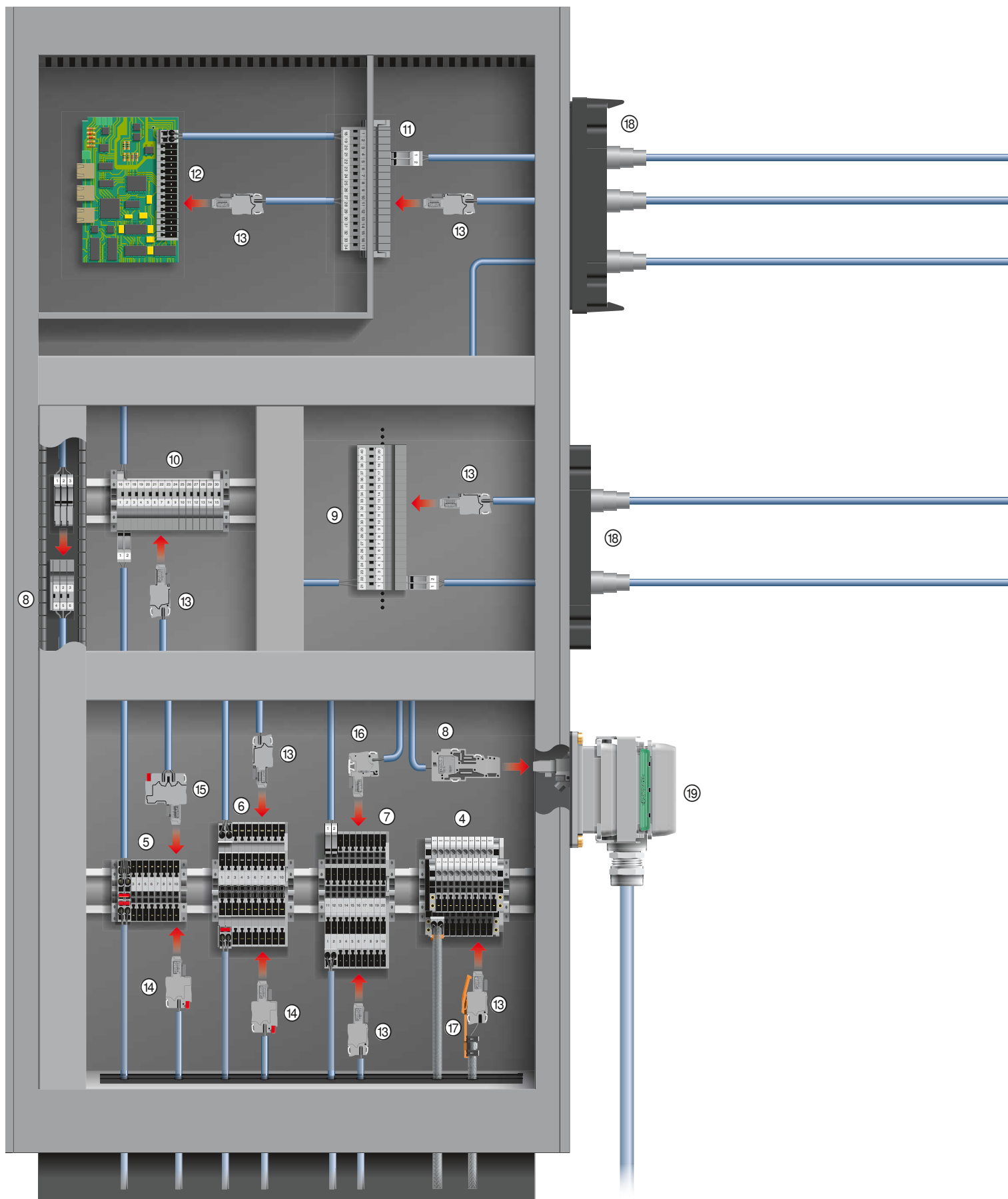
Push-in connection	325
Screw connection	329
Spring-cage connection	339

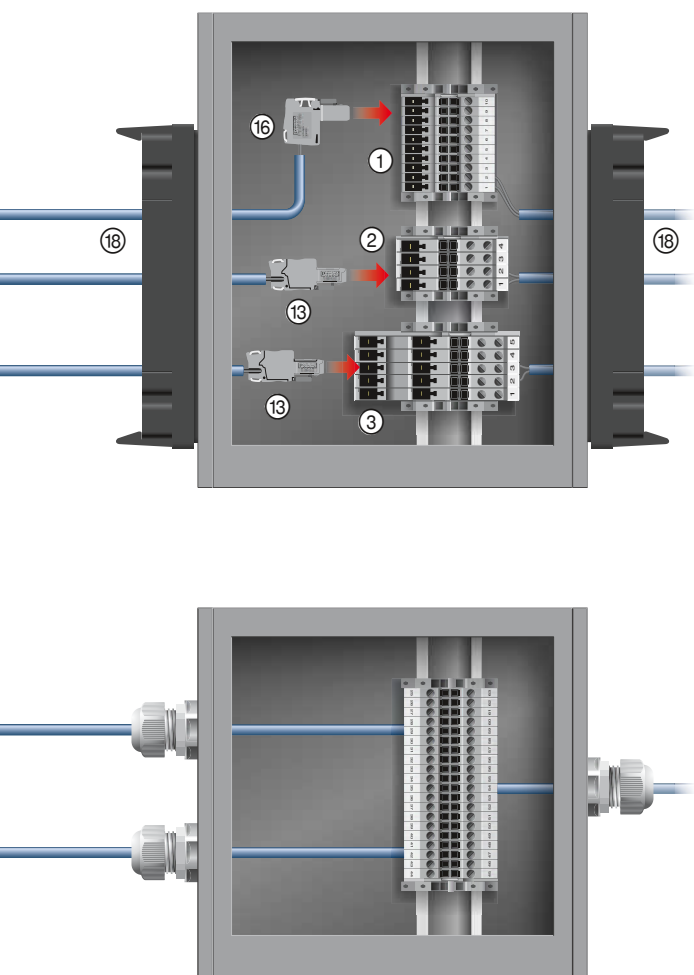
6 mm²

Push-in connection	347
Screw connection	355

Accessories	358
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Cabling options with the COMBI connection system





- ① Feed-through terminal blocks with one connector outlet
- ② Multi-conductor terminal blocks with one connector outlet
- ③ Multi-conductor terminal blocks with two connector outlets
- ④ Double-level terminal blocks with one connector outlet per level
- ⑤ Male-male feed-through terminal blocks
- ⑥ Male-male multi-conductor terminal blocks
- ⑦ Male-male double-level terminal blocks
- ⑧ Couplings for flying leads
- ⑨ Couplings with securing pin for direct mounting
- ⑩ Couplings for DIN rail mounting
- ⑪ Coupling for panel feed-through
- ⑫ Header for the PCB connection
- ⑬ Connector with conductor exit in plug-in direction
- ⑭ Bridgeable connector with conductor exit in plug-in direction
- ⑮ Bridgeable two-conductor connector with conductor exit in plug-in direction
- ⑯ Connector with conductor exit perpendicular to plug-in direction
- ⑰ Optional snap-on connector accessories, e.g. latching with shield connection
- ⑱ CES cable entry system with IP54/IP65 protection, see Catalog 2
- ⑲ IP67 heavy-duty connector, see Catalog 2

It is impossible to imagine today's applications without plug-in solutions – whether in control cabinets or in complete systems. It is here that the COMBI connection system offers users unlimited flexibility. From supplying the control cabinet and the power and control components to the quick installation of distributed system parts, the COMBI connection system always delivers the perfect solution.

There are numerous advantages to this system. Plug-in components inside the control cabinet can be installed and removed quickly and easily. Plug-in ring feeders ensure reliable power supply from one control cabinet to another. Couplings for flying leads are not only suitable for

wiring in restricted spaces. They can also be used to easily extend pre-assembled cables.

The COMBI headers support the plug-in wiring of electronic devices or components.

The CES cable entry system allows users to route up to 40 pre-assembled connectors into the control cabinet while maintaining IP54/IP65 degree of protection. When it comes to increased requirements up to IP67 or control cabinet connection in harsh industrial environments, DUPLICON is the ideal connection component.

The flexible and extensive options offered by the standardized plug-in zone of the COMBI system have won over several well-known companies.

Cross-reference list Terminal blocks – connectors

Connector

PT Push-in connection					UT screw connection			
PP-H 1,5/S Page 284	PP-H 2,5 Page 298	PP 2,5 Page 300	PP-H 4 Page 327	PP-H 6 Page 352	UPBV 2,5... Page 306	UPBV 4... Page 335	UP 4... Page 336	UP 6... Page 356
								

Terminal block

Feed-through terminal blocks

PT 1,5/S/1P / MPT 1,5/S/1P	Page 277							
QTC 1,5/1P	Page 287							
PT 2,5/1P, ST 2,5/1P	Page 291							
UT 2,5/1P	Page 303							
PT 4/1P, ST 4/1P	Page 325							
UT 4/1P, UT 4/ 1P-H	Page 329							
PT 6/1P	Page 347							
UT 6/1P	Page 355							

Feed-through terminal blocks, three connections

PT 1,5/S-TWIN/1P	Page 277							
PT 2,5-TWIN/1P, ST 2,5-TWIN/1P	Page 291							
UT 2,5-TWIN/1P	Page 303							
PT 4-TWIN/1P	Page 325							
UT 4-TWIN/1P	Page 329							

Knife disconnect terminal blocks

ST 2,5-TWIN-MT/1P	Page 310							
ST 2,5-TWIN-TG/1P	Page 310							

Feed-through terminal blocks, four connections

PT 1,5/S-QUATTRO/2P	Page 277							
PT 2,5-QUATTRO/2P ST 2,5-QUATTRO/2P	Page 291					1)		
PT 4-QUATTRO/2P ST 4-QUATTRO/2P	Page 325						1)	
UT 4-QUATTRO/2P	Page 329						1)	
ST 4-QUATTRO/4CP	Page 340				1)		1)	
PT 6-QUATTRO/2P	Page 347							
UT 6-QUATTRO/2P	Page 355							

Feed-through terminal blocks, six connections

PT 2,5-HEXA/3P	Page 291					1)		
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Double-level terminal blocks

PTTB 1,5/S/2P	Page 277							
QTTCB 1,5/2P	Page 287							
PTTB 2,5/2P	Page 292					1)		
PTTBS 2,5/2P PTTBS 2,5-TWIN/2P	Page 292					1)		
UTTB 2,5/2P	Page 303							
STTB 2,5/2P	Page 309							

Male-male versions

ST 2,5/2P	Page 293							
ST 2,5-QUATTRO/4P	Page 293					1)		
STTB 2,5/4P	Page 293							
ST 4/2P	Page 325							

1) Can only be used on the external connection pins of the basic terminal block.

2) Can only be used on the internal connection pins of the basic terminal block.

3) Can only be used on one side of the basic terminal block.

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com
For further information and full technical data, visit phoenixcontact.net/products

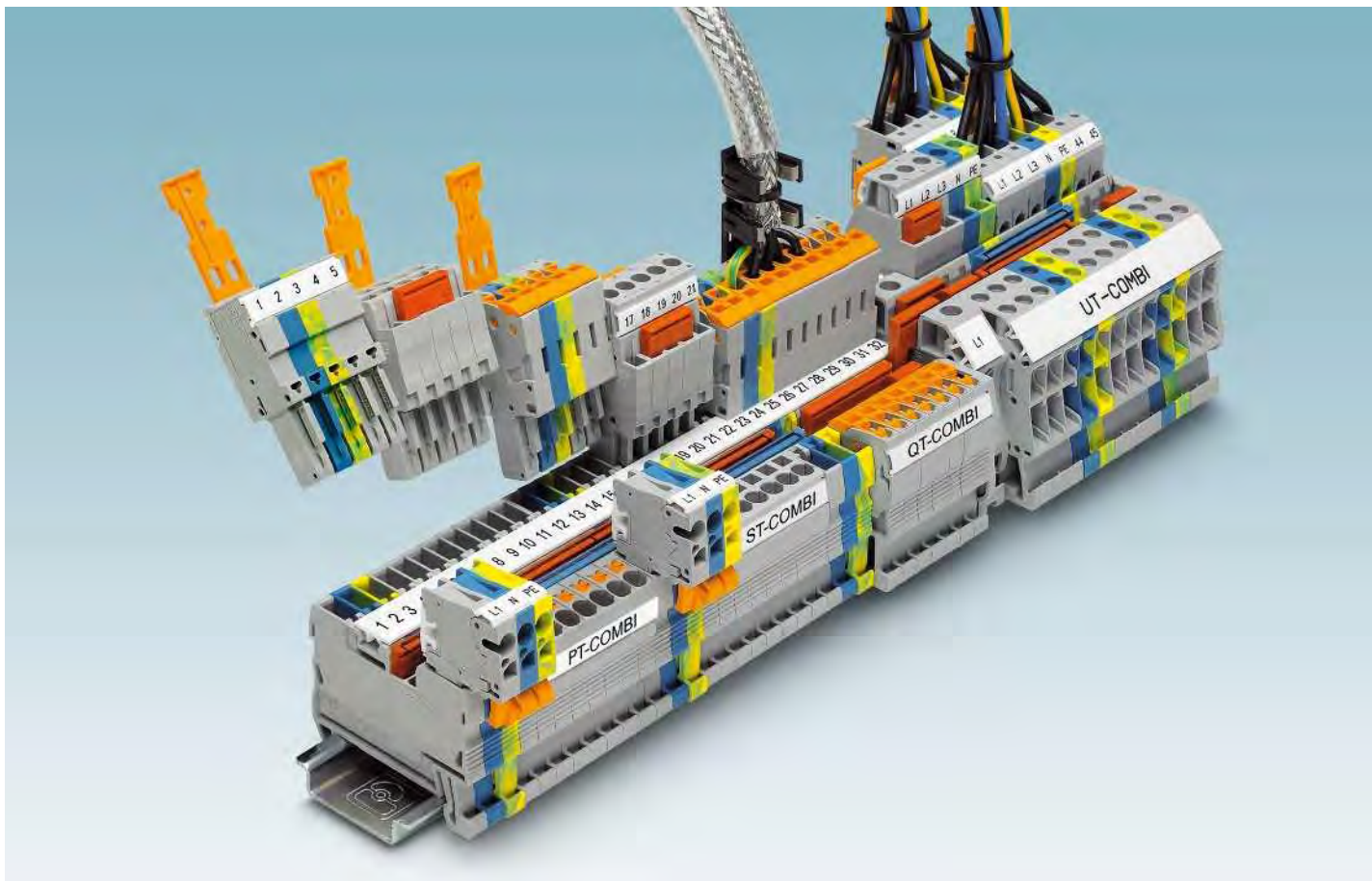
Cross-reference list Couplings – connectors

Connector

PT Push-in connection					UT screw connection			
PP-H 1,5/S Page 284	PP-H 2,5 Page 298	PP 2,5 Page 300	PP-H 4 Page 327	PP-H 6 Page 352	UPBV 2,5... Page 306	UPBV 4... Page 335	UP 4... Page 336	UP 6... Page 356
								

Coupling	Couplings									
	PPC 1,5/S	Page 282								
	PPC 2,5/...	Page 295								
	SC 2,5/...	Page 313								
	SC 4/...	Page 341								
	PPC 6/...	Page 350								
	Couplings with securing pin									
	SC 2,5-RZ/...	Page 314								
	SC 4-RZ/...	Page 342								
	Couplings with snap-on foot									
	PPC 1,5/S-NS/1-L	Page 283								
	PPC 2,5-NS/1-L	Page 296								
	SC 2,5-NS/1-L	Page 316								
	SC 4-NS/1-L	Page 343								
	PPC 6-NS/1-L	Page 350								
	Header for PCB connection technology									
	ST 2,5-PCB/...G-5,2	Page 297								
	ST 4-PCB/...G-6,2	Page 326								
	ST 2,5-PCBV/...G-5,2	Page 297								
	ST 4-PCBV/...G-6,2	Page 326								

[illegible]



Push-in connection

i Your web code: [#1276](#)

Screw connection

i Your web code: [#1400](#)

Spring-cage connection

i Your web code: [#1398](#)

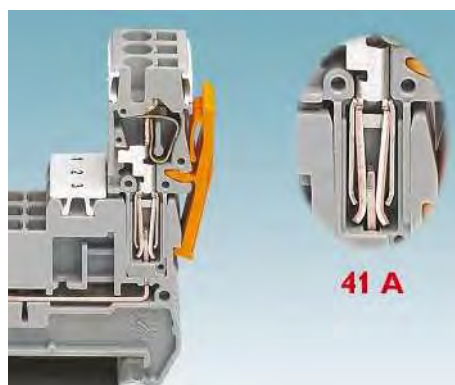
Quick connection

i Your web code: [#1399](#)



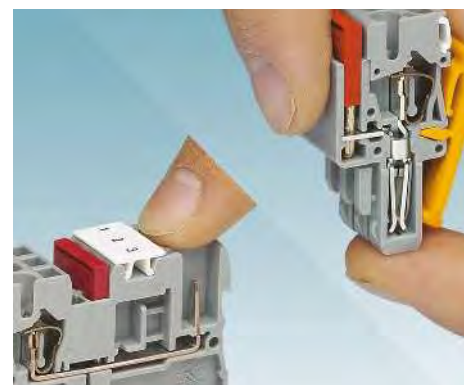
Flexible and plug-in

The COMBI family offers a free choice of connection methods. The standardized COMBI plug-in zone allows terminal blocks and plugs to be combined to suit the application regardless of connection method.



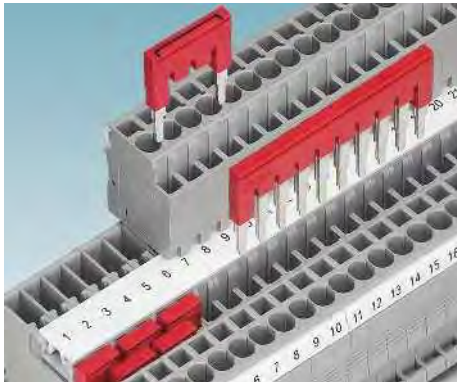
Powerful contact

The COMBI connection system enables a plug-in wiring solution up to a nominal current of 41 A and a nominal voltage of 1000 V. The contact system features an integrated covering spring so that it can withstand extreme vibration levels.

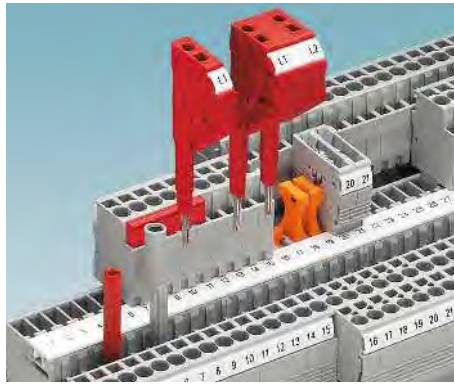


Touch proof

The COMBI system offers the highest levels of protection for users, as both the basic terminal blocks and the plugs are touch-proof. Alongside the safety aspect, this offers great flexibility for configuration work. The supply can be routed through the terminal blocks or plugs.



The standardized bridge system enables up to 50 terminal blocks to be connected with one bridge in an efficient manner suited to the application. Non-adjacent terminal blocks can be bridged by removing individual forks.



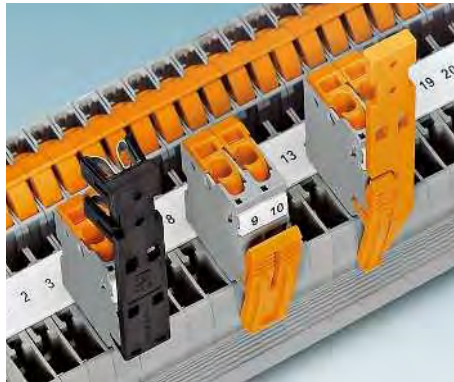
For measuring lines, a test plug with 2.3 mm diameter is available. All measurement and testing tasks can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



Connectors with different conductor output directions (to the side or upwards) allow for practical, efficient wiring. This results in great flexibility as required in various areas of application.



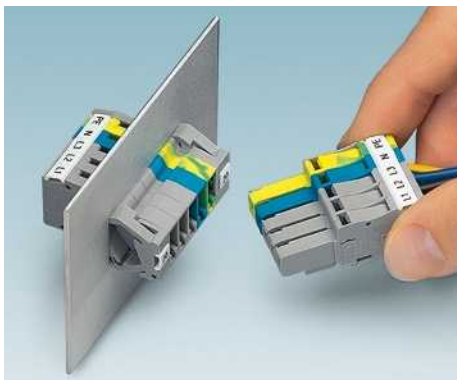
The simple and individual coding option increases wiring reliability and also protects against incorrect connecting. To do this, the pin must be released from the plug, turned and inserted in the basic terminal block.



Snap-on strain relief is available to relieve the strain on cables at the connectors. Latching is also available and can be used to permanently fix connectors to basic terminal blocks.



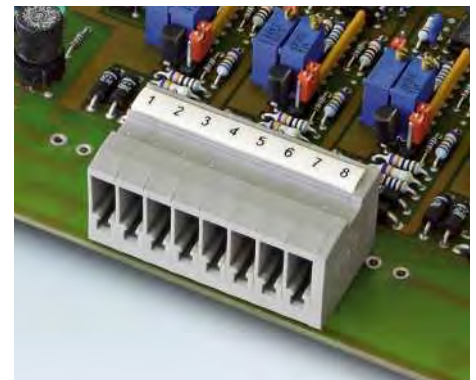
The cable housing provides robust strain relief. These housings are split in two, making them easy to fit and safe to latch onto the COMBI connectors provided. Anti-kink devices and overall shielding braids are available as accessories.



Panel feed-throughs can be produced efficiently by simply snapping the SSL panel feed-through onto the standard receptacle. The panel feed-through is slid into the cut-out and automatically latches into place.



A receptacle version which can be fitted on rails offers a solution for applications with a low build height. The integrated duo foot allows for mounting on both NS 15 and NS 35 DIN rails.



The COMBI header is an alignable PCB connection. Universal plug-in solutions from the DIN rail through to the device can therefore be implemented with the same plug.

Terminal blocks – CLIPLINE complete

1.5 mm² COMBI PT plug-in connection solutions

General technical data

Rated data		IEC 61984			
Rated cross section	[mm²]	1.5			
Cross section range	AWG	26 - 14			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plug-in	[mm²]	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



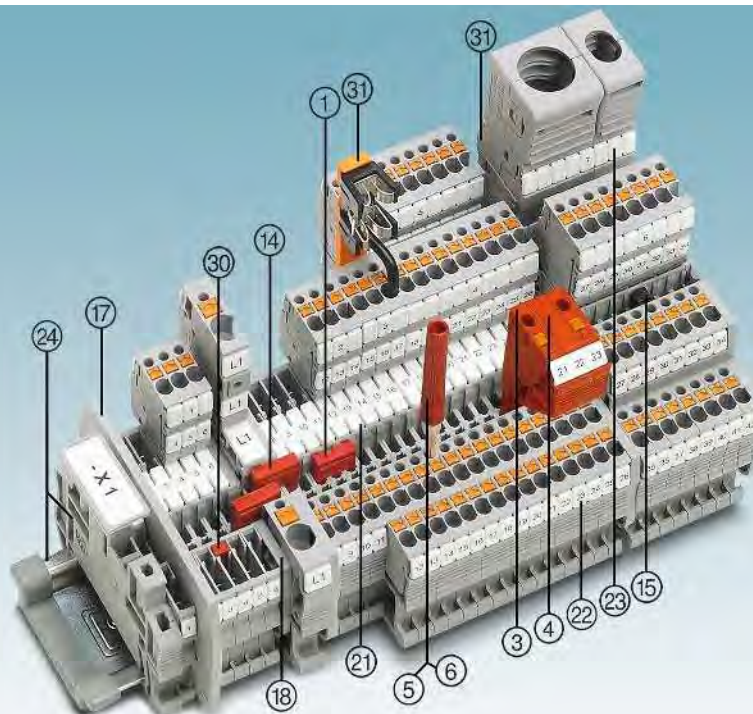
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



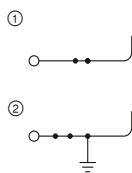
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge¹)	2	red	FBS 2-3,5	3213014	50			
	3	red	FBS 3-3,5	3213027	50			
	4	red	FBS 4-3,5	3213030	50			
	5	red	FBS 5-3,5	3213043	50			
	10	red	FBS 10-3,5	3213056	50			
	20	red	FBS 20-3,5	3213069	50			
③ Modular test plug		red	PS-3,5	3031010	10			
④ Spacer plate		red	DP PS-3,5	3031011	10			
⑤ Test plug metal part		gray	MPS-MT	0201744	10			
⑥ Insulating sleeve, for MPS metal part		red	MPS-IH RD	0201676	10			
⑨ Coding profile		red	PC	3040588	50			
Screwdriver			SZF 0-0,4X2,5	1204504	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑮ Vertical potential bridge			For FBS 1,5/S-PV ..., see page 404.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑱ Cover			Listed alongside the respective product.					
⑲ Center groove labeling			UCT-TM 3,5 or ZB 3,5. See also Catalog 3, selection tables, from page 60.					
⑳ Center and side groove labeling			UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables, from page 60.					
㉑ Lateral groove labeling			UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables, from page 60.					
㉒ DIN rail and end bracket			See Catalog 3					
㉓ Latching, strain relief, shielding			See from page 362.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

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

Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block

UL ENEC ENEC ClassNK

Technical data¹⁾

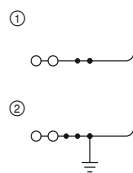
Width	Length	Height
3.5	46	32 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
17.5 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 1,5/S/1P	① 3208582	50
PT 1,5/S/1P BU	① 3208595	50
PT 1,5/S/1P-PE	② 3212332	50

Accessories¹⁾

D-PT 1,5/S	3208142	50
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17.5 A, feed-through terminal block, 3 connections

UL ENEC ENEC ClassNK

Technical data¹⁾

Width	Length	Height
3.5	55	32 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
17.5 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 1,5/S-TWIN/1P	① 3212358	50
PT 1,5/S-TWIN/1P BU	① 3212361	50
PT 1,5/S-TWIN/1P-PE	② 3212374	50

Accessories¹⁾

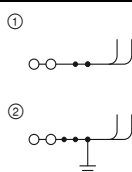
D-PT 1,5/S-TWIN	3208184	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block, 4 connections

UL ENEC ENEC ClassNK

Technical data¹⁾

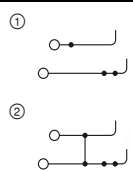
Width	Length	Height
3.5	78.5	32 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
17.5 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 1,5/S-QUATTRO/2P	① 3212390	50
PT 1,5/S-QUATTRO/2P BU	① 3212400	50
PT 1,5/S-QUATTRO/2P-PE	② 3212413	50

Accessories¹⁾

D-PT 1,5/S-QUATTRO/2P	3212426	50
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16 A, double-level terminal block

UL ENEC ENEC ClassNK CB

Technical data¹⁾

Width	Length	Height
3.5	69.3	42.6 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
16 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
16 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTTB 1,5/S/2P	① 3212439	50
PTTB 1,5/S/2P BU	① 3212442	50
PTTB 1,5/S/2P-PV	② 3212468	50
PTTB 1,5/S/2P-PE	③ 3212455	50

Accessories¹⁾

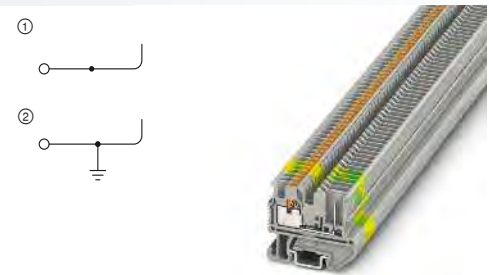
D-PTTB 1,5/S/2P	3212471	50
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Terminal blocks – CLIPLINE complete

1.5 mm² COMBI PT plug-in connection solutions

Mini feed-through and ground terminal blocks

Notes:
1) For additional accessories and technical data, see page 276.
2) For derating curve, visit phoenixcontact.net/products



17.5 A, mini feed-through terminal block



Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

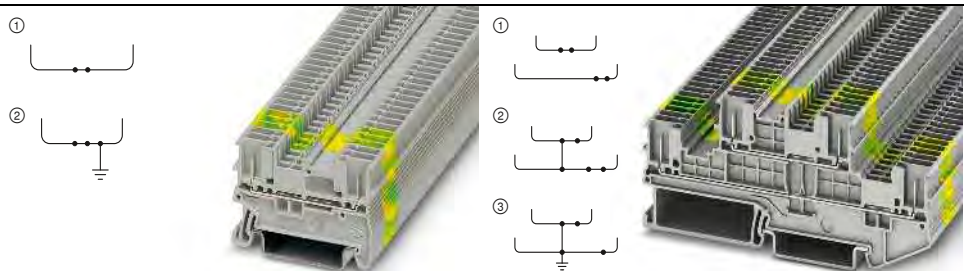
Technical data¹)			
Width	Length	Height	
3.5	33.55	28.1 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
17.5²)	500	0.14 - 1.5	26-14
17.5			
IEC	UL / CUL	CSA	Ex
500	600	600	-
17.5²) / 1.5	15 / -	15 / -	- / -

Ordering data			
Type		Order No.	Pcs./Pkt.
MPT 1,5/S/1P	①	3248115	50
MPT 1,5/S/1P BU	①	3248116	50
MPT 1,5/S/1P-PE	②	3248117	50

Accessories¹)		
D-MPT 1,5/S	3248120	50

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

Notes:
1) For additional accessories and technical data, see page 276.
2) For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block

16 A, double-level terminal block



Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Description	Color
Terminal block	gray
	blue
With potential distribution	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Technical data ¹⁾				
Width	Length	Height		
3.5	45.8	32 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
17.5 ²⁾	500	0.14 - 1.5	-	
17.5				
IEC	UL / CUL	CSA	Ex	
500	600	-	-	
17.5 ²⁾ / 1.5	15 / -	- / -	- / -	
Ordering data				
Type		Order No.	Pcs./Pkt.	
PT 1,5/S/2P	①	3213784	50	
PT 1,5/S/2P BU	①	3213797	50	
PT 1,5/S/2P-PE	②	3213810	50	
Accessories ¹⁾				
D-PT 1,5/S		3208142	50	



Technical data¹)			
Width	Length	Height	
3.5	93.9	42.6 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
16²)	500	0.14 - 1.5	-
17.5			
IEC	UL / CUL	CSA	Ex
500	600	-	-
16²) / 1.5	15 / -	- / -	- / -

Ordering data			
Type		Order No.	Pcs./Pkt.
PTTB 1,5/S/4P	①	3213865	50
PTTB 1,5/S/4P BU	①	3213878	50
PTTB 1,5/S/4P-PV	②	3213852	50
PTTB 1,5/S/4P-PE	③	3213881	50

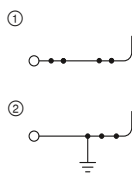
Accessories¹)		
D-PTTB 1,5/S/4P	3213894	50

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

Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block



Technical data¹⁾

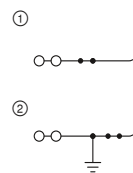
Width	Length	Height
3.5	50.7	38.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
17.5 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTS 1,5/S/1P	① 3214453	50
PTS 1,5/S/1P BU	① 3214466	50
PTS 1,5/S/1P-PE	② 3214479	50

Accessories¹⁾

D-PTS 1,5/S	3214576	50
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17.5 A, feed-through terminal block, 3 connections



Technical data¹⁾

Width	Length	Height
3.5	50.7	38.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
17.5 ²⁾	500	0.14 - 1.5 26-14
17.5		
IEC	UL / CUL	CSA Ex
500	600	600 -
17.5 ²⁾ / 1.5	15 / -	15 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTS 1,5/S-TWIN/1P	① 3214709	50
PTS 1,5/S-TWIN/1P BU	① 3214712	50
PTS 1,5/S-TWIN/1P-PE	② 3214725	50

Accessories¹⁾

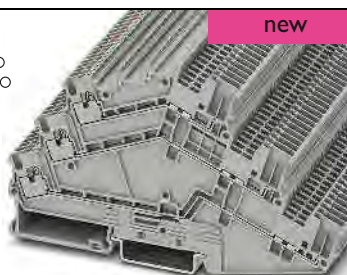
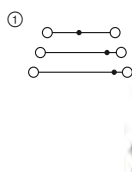
D-PTS 1,5/S	3214576	50
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Feed-through terminal blocks, multi-conductor terminal blocks, and ground terminals in desk design

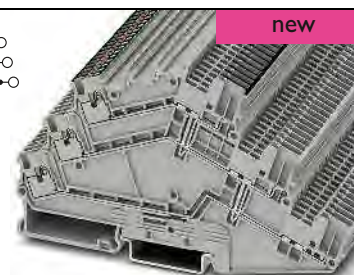
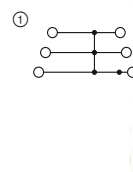
Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products



15 A, three-level terminal block



15 A, three-level terminal block with potential distribution

Technical data¹⁾

Width	Length	Height
3.5	97.2	53.2 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
15	500	0.14 - 1.5 -
15		
IEC	UL / CUL	CSA Ex
500	-	- -
15 ²⁾ / 1.5	- / -	- / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTS 1,5/S-3L/3P	① 1027881	50
PTS 1,5/S-3L/3P BU	① 1027882	50

Accessories¹⁾

D-PTS 1,5/S-3L/3P	1027887	50
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Technical data¹⁾

Width	Length	Height
3.5	97.2	53.2 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
15	500	0.14 - 1.5 -
15		
IEC	UL / CUL	CSA Ex
500	-	- -
15 ²⁾ / 1.5	- / -	- / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PTS 1,5/S-3PV/3P	① 1027883	50

Accessories¹⁾

D-PTS 1,5/S-3L/3P	1027887	50
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Terminal blocks – CLIPLINE complete

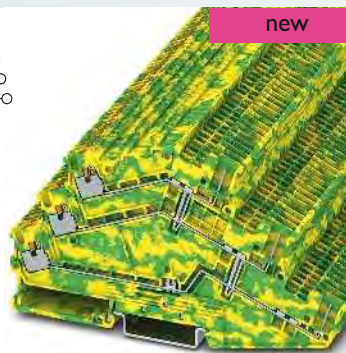
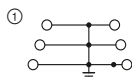
1.5 mm² COMBI PT plug-in connection solutions

**Feed-through terminal blocks,
multi-conductor terminal blocks,
and ground terminals in desk design**

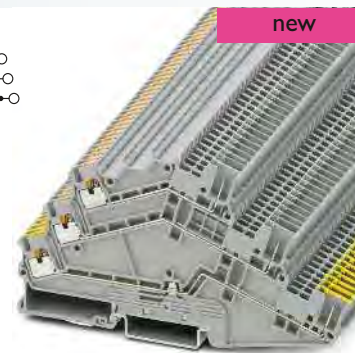
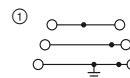
Notes:

1) For additional accessories and technical data, see page 276.

2) For derating curve, visit phoenixcontact.net/products



Ground terminal block



15 A, three-level terminal block with PE foot

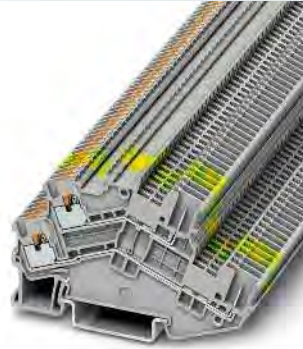
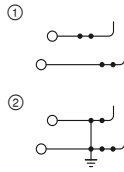
		Technical data¹)					Technical data¹)				
Dimensions		Width	Length	Height			Width	Length	Height		
[mm]		3.5	97.2	53.2 (NS 35/7,5)			3.5	97.2	53.2 (NS 35/7,5)		
Maximum electrical data					max. Ø [mm²]	AWG (UL)	I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
					0.14 - 1.5	-	15	500	0.14 - 1.5	-	
Maximum bridge current								15			
Rated data		IEC	UL / CUL	CSA	Ex		IEC	UL / CUL	CSA	Ex	
Rated voltage		-	-	-	-		500	-	-	-	
Nominal current / cross section		[A] / [mm²]	15²) / 1.5	- / -	- / -	- / -	15²) / 1.5	- / -	- / -	- / -	
		Ordering data					Ordering data				
Description		Type			Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.	
Terminal block, with PE foot		PTS 1,5/S-3PE/3P			1027884	50	PTS 1,5/S-PE/L/L/3P		1027885	50	
							PTS 1,5/S-PE/L/N/3P		1027886	50	
		Accessories¹)					Accessories¹)				
Cover		D-PTS 1.5/S-3L/3P			1027887	50	D-PTS 1.5/S-3L/3P			1027887	50

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

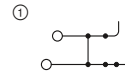
Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products



16 A, double-level terminal block



16 A, double-level terminal block
with equipotential bonding



Technical data ¹⁾			
Width	Length	Height	
3.5	78	55 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
16 ²⁾	500	0.14 - 1.5	26-14
17.5			
IEC	UL / CUL	CSA	Ex
500	600	600	-
16 ²⁾ / 1.5	15 / -	15 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PTTBS 1,5/S/2P	① 3214495	50	
PTTBS 1,5/S/2P BU	① 3214505	50	
PTTBS 1,5/S/2P-PE	② 3214518	50	

Accessories ¹⁾		
D-PTTBS 1,5/S/2P	3214534	50



Technical data ¹⁾			
Width	Length	Height	
3.5	78	55 (NS 35/7,5)	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
16 ²⁾	500	0.14 - 1.5	26-14
17.5			
IEC	UL / CUL	CSA	Ex
500	600	600	-
16 ²⁾ / 1.5	15 / -	15 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTTBS 1,5/S/2P-PV	① 3214521	50

Accessories ¹⁾		
D-PTTBS 1,5/S/2P	3214534	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 gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Couplings

Notes:

1) For additional accessories and technical data, see page 276.

2) For derating curve, visit phoenixcontact.net/products

For more cable housings, see page 366.

①



1.5 (1.5) mm², 17.5 A, coupling, 2 to 15-pos.

①



17.5 A, coupling, for self-assembly

UL ENEC ENEC ClassNK

UL ENEC ENEC ClassNK

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage

[V]

Nominal current / cross section

[A] / [mm²]

Technical data¹⁾

Width	Length	Height
3.5 x No. of pos.	27	17.8
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]
17.5 ²⁾	500	0.14 - 1.5
IEC	UL / CUL	CSA Ex
500	600	600
17.5 ²⁾ / 1.5	15 / -	15 / -

Ordering data

Description	No. of pos.	Width	Color
COMBI coupling	2	7 mm	gray
	3	10.5 mm	gray
	4	14 mm	gray
	5	17.5 mm	gray
	6	21 mm	gray
	7	24.5 mm	gray
	8	28 mm	gray
	9	31.5 mm	gray
	10	35 mm	gray
	11	38.5 mm	gray
	12	42 mm	gray
	13	45.5 mm	gray
	14	49 mm	gray
	15	52.5 mm	gray
COMBI coupling, for self-assembly	1	3.5 mm	gray
	1	3.5 mm	blue
	1	3.5 mm	green-yellow

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, width: 3 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red
Strain relief, for plug and receptacle, 2-pos.	black

Cable housing, for PP-H 1,5... and PPC 1,5...	gray
3-pos.	
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray
11-pos.	gray
12-pos.	gray
13-pos.	gray
14-pos.	gray
15-pos.	gray

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 1,5/S	3213690	50
PC	3040588	50
PZ 1,5/S/2	3212918	50
PH 1,5/S/3	3212756	50
PH 1,5/S/4	3212769	50
PH 1,5/S/5	3212772	50
PH 1,5/S/6	3212785	25
PH 1,5/S/7	3212798	25
PH 1,5/S/8	3212808	25
PH 1,5/S/9	3212811	25
PH 1,5/S/10	3212824	25
PH 1,5/S/11	3212837	10
PH 1,5/S/12	3212840	10
PH 1,5/S/13	3212853	10
PH 1,5/S/14	3212866	10
PH 1,5/S/15	3212879	10

Technical data¹⁾

Width	Length	Height
3.5 x No. of pos.	27	17.8
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]
17.5 ²⁾	500	0.14 - 1.5
IEC	UL / CUL	CSA Ex
500	600	600
17.5 ²⁾ / 1.5	15 / -	15 / -

Ordering data

Type	Order No.	Pcs./Pkt.
PPC 1,5/S/1-L	① 3213357	50
PPC 1,5/S/1-L BU	① 3213360	50
PPC 1,5/S/1-L GNYE	① 3213373	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 1,5/S	3213690	50
PC	3040588	50
PZ 1,5/S/2	3212918	50
PH 1,5/S/3	3212756	50
PH 1,5/S/4	3212769	50
PH 1,5/S/5	3212772	50
PH 1,5/S/6	3212785	25
PH 1,5/S/7	3212798	25
PH 1,5/S/8	3212808	25
PH 1,5/S/9	3212811	25
PH 1,5/S/10	3212824	25
PH 1,5/S/11	3212837	10
PH 1,5/S/12	3212840	10
PH 1,5/S/13	3212853	10
PH 1,5/S/14	3212866	10
PH 1,5/S/15	3212879	10

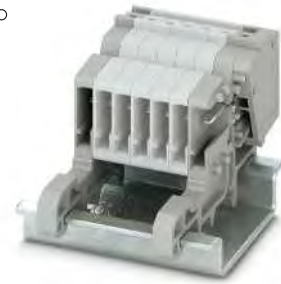
Couplings

Notes:

¹⁾ For additional accessories and technical data, see page 276.

²⁾ For derating curve, visit phoenixcontact.net/products

①



17.5 A, coupling for DIN rail mounting



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

Technical data ¹⁾			
Width	Length	Height	
3.5	43	28.3 (NS 35/7,5) / 28.3 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5 ²⁾	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	-
17.5 ²⁾ / 1.5	15 / -	15 / -	- / -

Description	Color
COMBI coupling	gray

Ordering data		
Type	Order No.	Pcs./Pkt.
PPC 1,5/S-NS/1-L ①	3213700	50

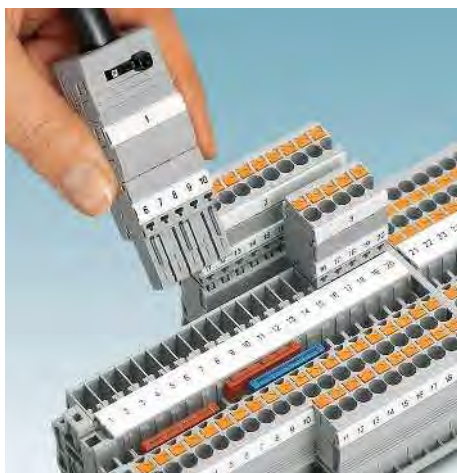
Cover, width: 3 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red
Strain relief, for plug and receptacle, 2-pos.	black

Accessories ¹⁾		
D-PPC 1,5/S	3213690	50
PC	3040588	50
PZ 1,5/S/2	3212918	50

Terminal blocks – CLIPLINE complete

1.5 mm² COMBI PT plug-in connection solutions

COMBI connectors



- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large-surface marking options
- Robust cable housings are available for strain relief on connecting cables

Notes:

- 1) For additional accessories and technical data, see page 276.
- 2) For derating curve, visit phoenixcontact.net/products

①



17.5 A, connector, connection in plug-in direction



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data ¹⁾			
Width	Length	Height	Height plugged
3.5 x No. of pos.	16.5	31.3	19.5
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
17.5 ²⁾	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	-
Nominal current / cross section	17.5 ²⁾ / 1.5	15 / -	15 / -

Description	No. of pos.	Width	Color
COMBI connectors	1	3.5 mm	gray
	2	7 mm	gray
	3	10.5 mm	gray
	4	14 mm	gray
	5	17.5 mm	gray
	6	21 mm	gray
	7	24.5 mm	gray
	8	28 mm	gray
	9	31.5 mm	gray
	10	35 mm	gray
	11	38.5 mm	gray
	12	42 mm	gray
	13	45.5 mm	gray
	14	49 mm	gray
	15	52.5 mm	gray
	1	3.5 mm	blue
	1	3.5 mm	green-yellow

Ordering data		
Type	Order No.	Pcs./Pkt.
PP-H 1,5/S/1	① 3212484	50
PP-H 1,5/S/2	① 3212510	50
PP-H 1,5/S/3	① 3212523	50
PP-H 1,5/S/4	① 3212536	50
PP-H 1,5/S/5	① 3212549	50
PP-H 1,5/S/6	① 3212552	25
PP-H 1,5/S/7	① 3212565	25
PP-H 1,5/S/8	① 3212578	25
PP-H 1,5/S/9	① 3212581	25
PP-H 1,5/S/10	① 3212594	25
PP-H 1,5/S/11	① 3212604	10
PP-H 1,5/S/12	① 3212617	10
PP-H 1,5/S/13	① 3212620	10
PP-H 1,5/S/14	① 3212633	10
PP-H 1,5/S/15	① 3212646	10
PP-H 1,5/S/1 BU	① 3212497	50
PP-H 1,5/S/1 GNYE	① 3212507	50

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plug and receptacle, 2-pos.	black
Cable housing, for PP-H 1,5... and PPC 1,5... 3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray
11-pos.	gray
12-pos.	gray
13-pos.	gray
14-pos.	gray
15-pos.	gray

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ 1,5/S	3212905	50
PR 1,5/S	3212882	50
PR 1,5/S/2	3212895	50
PZ 1,5/S/2	3212918	50
PH 1,5/S/3	3212756	50
PH 1,5/S/4	3212769	50
PH 1,5/S/5	3212772	50
PH 1,5/S/6	3212785	25
PH 1,5/S/7	3212798	25
PH 1,5/S/8	3212808	25
PH 1,5/S/9	3212811	25
PH 1,5/S/10	3212824	25
PH 1,5/S/11	3212837	10
PH 1,5/S/12	3212840	10
PH 1,5/S/13	3212853	10
PH 1,5/S/14	3212866	10
PH 1,5/S/15	3212879	10

COMBI connectors for self-assembly

- The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
- Robust cable housings are available for strain relief on connecting cables
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① PP-H 1,5/S/1-L
- ② PP-H 1,5/S/1-M and PP-H 1,5/S/1-M BU
- ③ PP-H 1,5/S/1-R GNYE

Notes:

1) For additional accessories and technical data, see page 276.

2) For derating curve, visit phoenixcontact.net/products

For more cable housings, see page 366.

①



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

CE, RoHS, ENEC, VDE, UL, ClassNK, CB

Dimensions

[mm]

Maximum electrical data

Rated data

Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]

Technical data ¹⁾			
Width	Length	Height	Height plugged
3.5 x No. of pos.	16.5	31.3	19.5
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
17.5 ²⁾	500	0.14 - 1.5	26-14
IEC	UL / CUL	CSA	Ex
500	600	600	-
17.5 ²⁾ / 1.5	15 / -	15 / -	- / -

Description	No. of pos.	Color
COMBI connector, left element	1	gray
	1	blue
	1	green-yellow
COMBI connector, center element	1	gray
	1	blue
	1	green-yellow
COMBI connector, right element	1	gray
	1	blue
	1	green-yellow

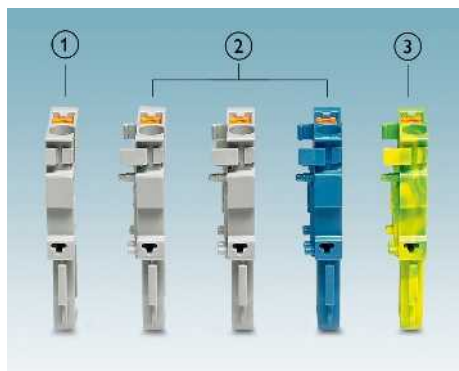
Type	Order No.	Pcs./Pkt.
PP-H 1,5/S/1-L	① 3212659	50
PP-H 1,5/S/1-L BU	① 3212662	50
PP-H 1,5/S/1-L GNYE	① 3212675	50
PP-H 1,5/S/1-M	① 3212688	50
PP-H 1,5/S/1-M BU	① 3212691	50
PP-H 1,5/S/1-M GNYE	① 3212701	50
PP-H 1,5/S/1-R	① 3212714	50
PP-H 1,5/S/1-R BU	① 3212727	50
PP-H 1,5/S/1-R GNYE	① 3212730	50

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ 1,5/S	3212905	50
PR 1,5/S	3212882	50
PR 1,5/S/2	3212895	50
PZ 1,5/S/2	3212918	50

Cable housing, for PP-H 1,5... and PPC 1,5...	gray
3-pos.	
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray
11-pos.	gray
12-pos.	gray
13-pos.	gray
14-pos.	gray
15-pos.	gray

PH 1,5/S/3	3212756	50
PH 1,5/S/4	3212769	50
PH 1,5/S/5	3212772	50
PH 1,5/S/6	3212785	25
PH 1,5/S/7	3212798	25
PH 1,5/S/8	3212808	25
PH 1,5/S/9	3212811	25
PH 1,5/S/10	3212824	25
PH 1,5/S/11	3212837	10
PH 1,5/S/12	3212840	10
PH 1,5/S/13	3212853	10
PH 1,5/S/14	3212866	10
PH 1,5/S/15	3212879	10



Terminal blocks – CLIPLINE complete

1.5 mm² COMBI QT plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm²]	1.5
Cross section range	AWG	24 - 16
Connection cross section in acc. with DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 1.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	0.25 - 0.34
[Litz wires Ø ≥ 0.19 mm]	AWG	24 - 16
Frequency of connections with the same cross section		100

Other conductor types and materials on request.

General data

Insulating material	PA
Flammability rating in accordance with UL 94	V0
Wire diameter incl. insulation	≤ 3 mm

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

Notes:



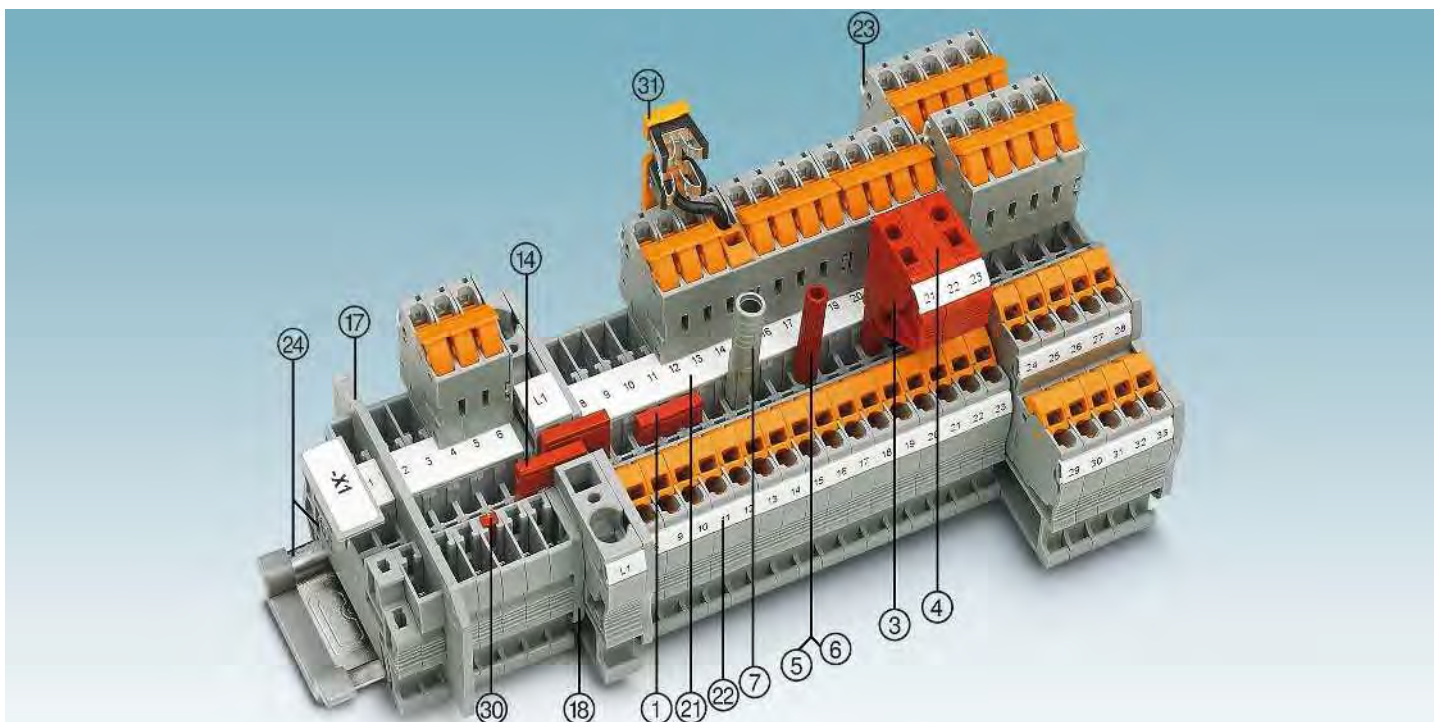
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



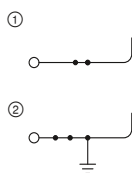
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	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			
⑧ Coding profile		red	PC	3040588	50			
Screwdriver			SZF 1-0,6X3,5	1204517	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑲ Cover			Listed alongside the respective product.					
⑳ Center groove labeling			UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.					
㉑ Center and side groove labeling			UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.					
㉒ Lateral groove labeling			UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.					
㉓ DIN rail and end bracket			See Catalog 3					
㉔ Latching, strain relief, shielding			See from page 362.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

Feed-through and multi-level terminal blocks and ground terminals

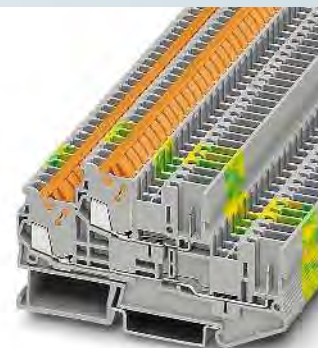
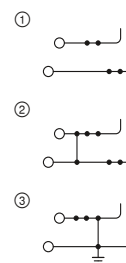
Notes:

¹⁾ For additional accessories and technical data, see page 286.

²⁾ For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block



17.5 A, double-level terminal block



Technical data¹⁾

Dimensions	Width	Length	Height
	5.2	53.5	39.3 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	17.5 ²⁾	500	0.25 - 1.5 24-16
Maximum bridge current	24 (FBS) / 17.5 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	600	600 -
Nominal current / cross section	17.5 ²⁾ / 1.5	10 / -	10 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	QTC 1,5/ 1P ①	3050073	50
	blue	QTC 1,5/ 1P BU ①	3050086	50
With potential distribution	gray			
Ground terminal	green-yellow	QTC 1,5/ 1P-PE ②	3050099	50

Accessories¹⁾

Accessories	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	3206322	50



Technical data¹⁾

Dimensions	Width	Length	Height
	5.2	87.8	49.9 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	17.5 ²⁾	500	0.25 - 1.5 24-16
Maximum bridge current	24 (FBS) / 17.5 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Rated voltage	500	600	600 -
Nominal current / cross section	17.5 ²⁾ / 1.5	10 / -	10 / - - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	QTTCB 1,5/ 2P ①	3050196	50
	blue	QTTCB 1,5/ 2P BU ①	3050206	50
With potential distribution	gray	QTTCB 1,5/ 2P-PV ②	3206377	50
Ground terminal	green-yellow	QTTCB 1,5/ 2P-PE ③	3050219	50

Accessories¹⁾

Accessories	Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	3206306	50

COMBI connectors



- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- The fast connector QP 1,5/... is designed for connection of rigid and flexible conductors
- The conductor is connected using the familiar IDC rotation connection with no stripping, thus saving time

Notes:

1) For additional accessories and technical data, see page 286.

①



17.5 A, connector, connection in plug-in direction



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5,2 x No. of pos.	20	40	24
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	17.5	500	0.25 - 1.5	24-16
Rated data	Rated voltage	IEC	UL / CUL	CSA
	500 [V]	600	600	-
Nominal current / cross section	[A] / [mm²]	10 / -	10 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	QP 1,5/ 1	① 3051108	50
	2	10.4 mm	gray	QP 1,5/ 2	① 3051111	50
	3	15.6 mm	gray	QP 1,5/ 3	① 3051124	50
	4	20.8 mm	gray	QP 1,5/ 4	① 3051137	50
	5	26 mm	gray	QP 1,5/ 5	① 3051140	50
	6	31.2 mm	gray	QP 1,5/ 6	① 3051153	25
	7	36.4 mm	gray	QP 1,5/ 7	① 3051166	25
	8	41.6 mm	gray	QP 1,5/ 8	① 3051179	25
	9	46.8 mm	gray	QP 1,5/ 9	① 3051182	25
	10	52 mm	gray	QP 1,5/10	① 3051195	25
	11	57.2 mm	gray	QP 1,5/11	① 3051205	10
	12	62.4 mm	gray	QP 1,5/12	① 3051218	10
	13	67.6 mm	gray	QP 1,5/13	① 3051221	10
	14	72.8 mm	gray	QP 1,5/14	① 3051234	10
	15	78 mm	gray	QP 1,5/15	① 3051247	10
	1	5.2 mm	blue	QP 1,5/ 1 BU	① 3051250	50
	1	5.2 mm	green-yellow	QP 1,5/ 1 GNYE	① 3051263	50

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for plugs, 2-pos.				
4-pos.	black	PZ/2	3040627	50
	black	PZ/4	3040643	50

COMBI connectors



- The QT-COMBI connectors for self-assembly provide solutions that users can implement themselves
- The fast connector QP 1,5/... is designed for connection of rigid and flexible conductors
- The conductor is connected using the familiar IDC rotation connection with no stripping, thus saving time
- The connector with fast connection is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① QP 1,5/1-L
- ② QP 1,5/1-M and QP 1,5/1-M BU
- ③ QP 1,5/1-R GNYE

Notes:

- 1) For additional accessories and technical data, see page 286.
 - 2) For derating curve, visit phoenixcontact.net/products
- For further accessories, see page 362.

①



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

Technical data¹⁾

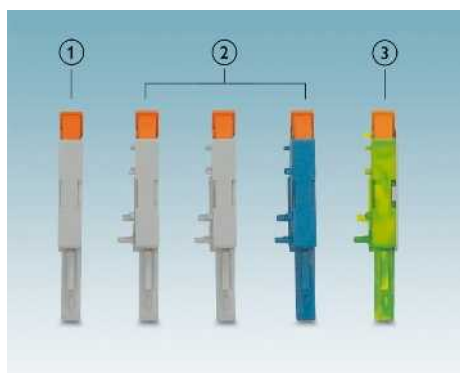
Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	20	40	24
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	17.5 ²⁾	500	0.25 - 1.5	24-16
Rated data				
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm ²]	17.5 ²⁾ / 1.5	10 / -	- / -

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
COMBI connector, left element	1	gray	QP 1,5/ 1-L	① 3051014	50
	1	blue	QP 1,5/ 1-L BU	① 3051027	50
	1	green-yellow	QP 1,5/ 1-L GNYE	① 3051030	50
COMBI connector, center element	1	gray	QP 1,5/ 1-M	① 3051043	50
	1	blue	QP 1,5/ 1-M BU	① 3051056	50
	1	green-yellow	QP 1,5/ 1-M GNYE	① 3051069	50
COMBI connector, right element	1	gray	QP 1,5/ 1-R	① 3051072	50
	1	blue	QP 1,5/ 1-R BU	① 3051085	50
	1	green-yellow	QP 1,5/ 1-R GNYE	① 3051098	50

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for plugs, 2-pos.				
	black	PZ/2	3040627	50
4-pos.	black	PZ/4	3040643	50



Terminal blocks – CLIPLINE complete

2.5 mm² COMBI PT plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm²]	2.5
Cross section range	AWG	26 - 12
Connection capacity		Rigid Flexible Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4 0.14 - 2.5 0.14 - 2.5 0.14 - 2.5
2 flexible conductors with a TWIN ferrule	[mm²]	- - - 0.5
Connection cross sections directly plug-in	[mm²]	0.34 - 4 - 0.34 - 2.5 0.34 - 2.5
General data		
Stripping length	[mm]	8 - 10
Insulating material		PA
Flammability rating in accordance with UL 94		V0

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

Notes:



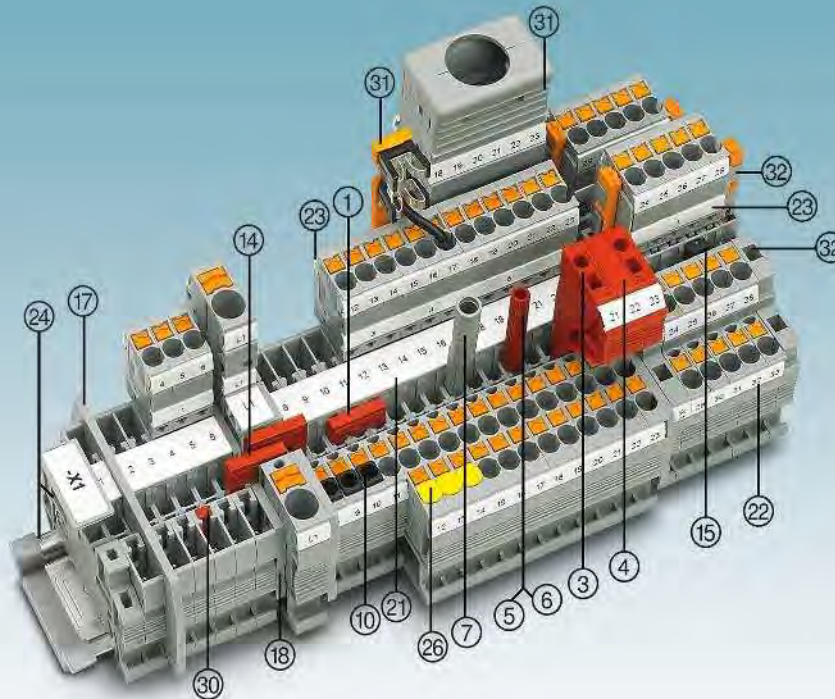
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 Bridge¹)	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	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			
⑩ Insulating sleeve		white	ISH 2,5/0,2	3002843	50			
		gray	ISH 2,5/0,5	3002856	50			
		black	ISH 2,5/1,0	3002869	50			
③⑨ Coding profile		red	PC	3040588	50			
Screwdriver			SZF 1-0,6X3,5	1204517	10			

⑭ Reducing bridge	For RB ..., see page 408.
⑮ Vertical potential bridge	For FBS-PV ..., see page 404.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Listed alongside the respective product.
⑲ Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.
⑲ Center and side groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.
⑲ Lateral groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.
⑲ DIN rail and end bracket	See Catalog 3
⑲ Cover for conductor shaft	For CEC ..., see page 421.
⑲ Latching, strain relief, shielding	See from page 362.
⑲ Screw flanges, screw flange cover	See from page 372.
For full accessories, visit phoenixcontact.net/products	Note: Additional or deviating accessories are listed alongside the respective product.

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

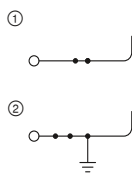
Notes:

¹⁾ For additional accessories and technical data, see page 290.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.

For self-locking flange, see page 371.



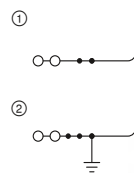
24 A, feed-through terminal block



Technical data ¹⁾			
Width	Length	Height	
5.2	48.5	36.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5/1P	① 3210033	50	
PT 2,5/1P BU	① 3210046	50	
PT 2,5/1P-PE	② 3210059	50	

Accessories ¹⁾		
D-ST 2,5	3030417	50



24 A, feed-through terminal block, 3 connections



Technical data ¹⁾			
Width	Length	Height	
5.2	60.5	36.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-TWIN/1P	① 3209633	50	
PT 2,5-TWIN/1P BU	① 3209646	50	
PT 2,5-TWIN/1P-PE	② 3209659	50	

Accessories ¹⁾		
D-ST 2,5-TWIN	3030488	50

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

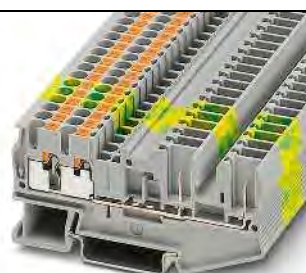
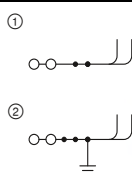
Notes:

¹⁾ For additional accessories and technical data, see page 290.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.

For self-locking flange, see page 371.



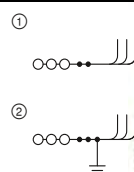
24 A, feed-through terminal block, 4 connections



Technical data ¹⁾			
Width	Length	Height	
5.2	81	36.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-QUATTRO/2P	① 3209662	50	
PT 2,5-QUATTRO/2P BU	① 3209675	50	
PT 2,5-QUATTRO/2P-PE	② 3209688	50	

Accessories ¹⁾		
D-ST 2,5-QUATTRO/2P	3040083	50



24 A, feed-through terminal block, 6 connections



Technical data ¹⁾			
Width	Length	Height	
5.2	111.2	36.8 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	-	-
24 ²⁾ / 2,5	20 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 2,5-HEXA/3P	① 3040044	50	
PT 2,5-HEXA/3P BU	① 3040048	50	
PT 2,5-HEXA/3P-PE	② 3040052	50	

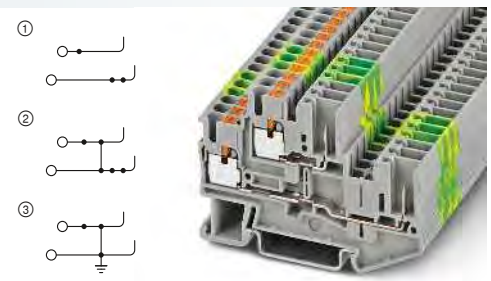
Accessories ¹⁾		
D-PT 2,5-HEXA/3P	3040058	50
DP-PT 2,5-HEXA/3P	3040060	50

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI PT plug-in connection solutions

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

Notes:
1) For additional accessories and technical data, see page 290.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 372.
For self-locking flange, see page 371.



22 A, double-level terminal block

UL ENEC ERE ClassNK

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Description	
Terminal block	gray
With potential distribution	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	
	gray

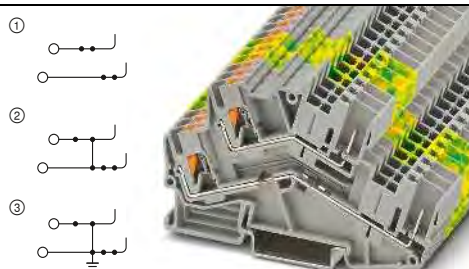
Technical data ¹⁾			
Width	Length	Height	
5.2	71.5	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
22 ²⁾	500	0.14 - 4	24-12
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
22 ²⁾ / 2.5	20 / -	20 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PTTB 2,5/2P	① 3210871	50
PTTB 2,5/2P BU	① 3210884	50
PTTB 2,5/2P-PV	② 3210907	50
PTTB 2,5/2P-PE	③ 3210897	50

Accessories ¹⁾		
D-STTB 2,5/2P	3040096	50

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

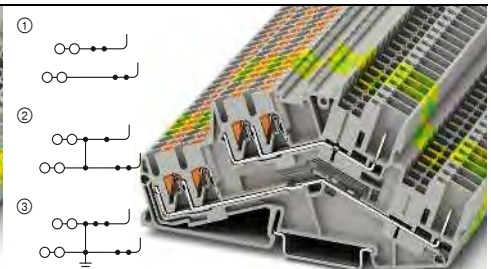
Notes:
1) For additional accessories and technical data, see page 290.
2) For derating curve, visit phoenixcontact.net/products



22 A, double-level terminal block, desk design

UL ENEC ERE

Technical data ¹⁾	
Width	Length
5.2	92.6
Height	
55 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]
22 ²⁾	800
max. Ø [mm ²]	
0.14 - 4	
26-12	
20 (FBS) / 17.5 (FBSR)	
IEC	UL / CUL
800	600
CSA	
Ex	
22 ²⁾ / 2.5	20 / -
20 / -	
- / -	
Ordering data	
Type	Order No.
PTTBS 2,5/2P	① 3211260
PTTBS 2,5/2P BU	① 3211261
PTTBS 2,5/2P-PV	② 3211262
PTTBS 2,5/2P-PE	③ 3211263
Accessories ¹⁾	
D-PTTBS 2,5/2P	3211264



18 A, double-level terminal block, desk design

UL ENEC ERE

Technical data ¹⁾	
Width	Length
5.2	111.8
Height	
55 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]
18 ²⁾	500
max. Ø [mm ²]	
0.14 - 4	
26-12	
20 (FBS) / 17.5 (FBSR)	
IEC	UL / CUL
500	600
CSA	
Ex	
18 ²⁾ / 2.5	20 / -
20 / -	
- / -	
Ordering data	
Type	Order No.
PTTBS 2,5-TWIN/2P	① 3210604
PTTBS 2,5-TWIN/2P BU	① 3210605
PTTBS 2,5-TWIN/2P-PV	② 3210607
PTTBS 2,5-TWIN/2P-PE	③ 3210606
Accessories ¹⁾	
D-PTTBS 2,5-TWIN	3210608

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

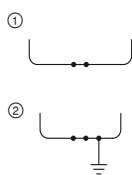
Notes:

¹⁾ For additional accessories and technical data, see page 290.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.

For self-locking flange, see page 371.



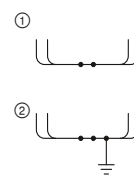
24 A, feed-through terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	49.1	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	24 ²⁾	500	0.08 - 4	-
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	300	-
	24 ²⁾ / 2.5	20 / -	20 / -	- / -
	28 - 12	-	-	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5/2P	① 3042133	50	
ST 2,5/2P BU	① 3042094	50	
ST 2,5/2P-PE	② 3042146	50	

Accessories ¹⁾		
D-ST 2,5	3030417	50



24 A, feed-through terminal block, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	89.5	36.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	24 ²⁾	500	0.08 - 4	-
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	600	-
	24 ²⁾ / 2.5	20 / -	20 / -	- / -
	28 - 12	-	-	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5-QUATTRO/4P	① 3042159	50	
ST 2,5-QUATTRO/4P BU	① 3042081	50	
ST 2,5-QUATTRO/4P-PE	② 3042162	50	

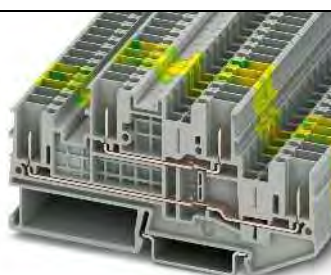
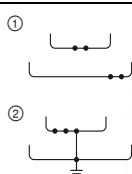
Accessories ¹⁾		
D-ST 2,5-QUATTRO/4P	3042175	50

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

Notes:

¹⁾ For additional accessories and technical data, see page 290.

²⁾ For derating curve, visit phoenixcontact.net/products



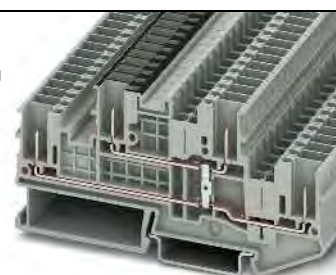
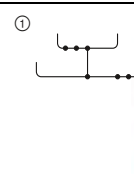
22 A, double-level terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	98.8	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	22 ²⁾	500	0.08 - 4	-
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	600	-
	22 ²⁾ / 2.5	20 / -	20 / -	- / -
	28 - 12	-	-	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5/4P	① 3061486	50	
STTB 2,5/4P BU	① 3061512	50	
STTB 2,5/4P-PE	② 3061499	50	

Accessories ¹⁾		
D-STTB 2,5/4P	3061538	50



22 A, double-level terminal block with equipotential bonding



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2	98.8	47.5 (NS 35/7,5)	
Maximum electrical data	I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
	22 ²⁾	500	0.08 - 4	-
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	500	600	600	-
	22 ²⁾ / 2.5	20 / -	20 / -	- / -
	28 - 12	-	-	-
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5/4P-PV	① 3061509	50	

Accessories ¹⁾		
D-STTB 2,5/4P	3061538	50

Terminal blocks – CLIPLINE complete

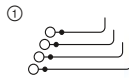
2.5 mm² COMBI PT plug-in connection solutions

Four-level terminal blocks

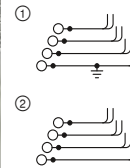
Notes:

1) For additional accessories and technical data, see page 290.

2) For derating curve, visit phoenixcontact.net/products



10 A, four-level terminal block



10 A, four-level terminal block with PE foot



Technical data¹⁾

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Width	Length	Height
5.2	105.6	59 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
10 ²⁾	250	0.14 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
250	300	300
10 ²⁾ / 1.5	10 / -	10 / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 2,5-4L/1P	3012300	50

Accessories¹⁾

D-PT 2,5-4L/1P	3012301	10
PT 2,5-4L/1P-FS	3012302	10
PT 2,5-4L/1P-F	3012326	10



Technical data¹⁾

Width	Length	Height
5.2	125	59 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
10 ²⁾	250	0.14 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
250	300	300
10 ²⁾ / 1.5	10 / -	10 / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 2,5-PE/3L/2P	3012316	50
PT 2,5-4L/2P	3012310	50

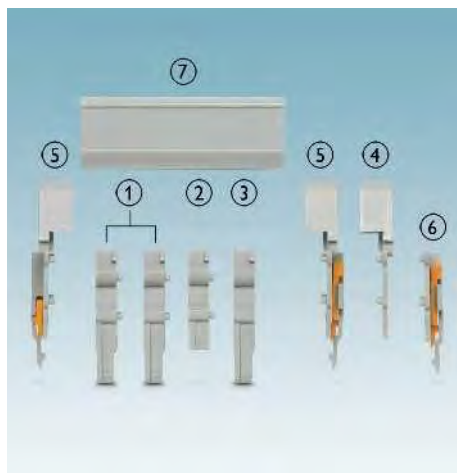
Accessories¹⁾

D-PT 2,5-4L/2P	3012311	10
PT 2,5-4L/2P-FS	3012312	10

Connector housing for four-level terminal blocks

Notes:

In order to crimp STG-MTN... modular socket contacts, the CRIMPFOX MT 2,5 (Order No. 1204038) must be used.



- ① 4-pos. connector with CP-H 2,5-4L-Z engagement pin
- ② DP-CP-H 2,5-4L spacer plate
- ③ CP-H 2,5-4L 4-pos. connector
- ④ D-CP-H 2,5-4L cover profile carrier
- ⑤ DFS-CP-H 2,5-4L cover profile carrier with self-locking flange cover
- ⑥ DFS-CP 2,5-4L self-locking flange cover
- ⑦ AP-CP-H cover profile



Connector housing, for accommodating four socket contacts

Ordering data

Description	Color
Connector housing, for accommodating 4 socket contacts	gray
Connector housing with engagement pin	gray

Type	Order No.	Pcs./Pkt.
CP-H 2,5-4L	3012313	50
CP-H 2,5-4L-PE	3012323	50
CP-H 2,5-4L-Z	3012314	50
CP-H 2,5-4L-Z-PE	3012324	50

Accessories

Self-locking flange, can be labeled with UC-TM	gray
Spacer plate	gray
Cover profile, 1 m, can be labeled with UC-TM ...	gray
Cover profile carrier	gray
Cover profile carrier, with self-locking flange cover	gray
Self-locking flange cover	gray
Screw flange cover	gray
Module socket contact, 0,5 ... 1 mm²	silver
for wires from 1.5 ... 2.5 mm²	silver

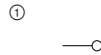
PT 2,5-4L/1P-FS	3012302	10
PT 2,5-4L/2P-FS	3012312	10
DP-CP-H 2,5-4L	3012319	50
AP-CP-H	METER	3012315
D-CP-H 2,5-4L	3012320	50
DFS-CP-H 2,5-4L	3012317	50
DFS-CP 2,5-4L	3012321	50
DF-CP 2,5-4L	3012327	10
STG-MTN 0,5-1,0	3190438	100
STG-MTN 1,5-2,5	3190506	100

Couplings

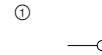
Notes:

¹⁾ For additional accessories and technical data, see page 290.

²⁾ For derating curve, visit phoenixcontact.net/products



24 A, coupling



24 A, coupling, for self-assembly



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2 x No. of pos.	20.5	41	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24	500	0.14 - 4	26-12
	IEC	UL / CUL	CSA	Ex
	500	300	300	-
	24 / 2.5	20 / -	20 / -	- / -
Rated data				
Rated voltage				
Nominal current / cross section				
Connection capacity				
1 conductor				
Connection cross sections directly plug-in				
	0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
	0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PPC 2,5/2	① 3000656	50
PPC 2,5/3	① 3000657	50
PPC 2,5/4	① 3000658	50
PPC 2,5/5	① 3000659	50
PPC 2,5/6	① 3000660	25
PPC 2,5/7	① 3000661	25
PPC 2,5/8	① 3000662	25
PPC 2,5/9	① 3000663	25
PPC 2,5/10	① 3000664	25
PPC 2,5/11	① 3000665	10
PPC 2,5/12	① 3000666	10
PPC 2,5/13	① 3000667	10
PPC 2,5/14	① 3000668	10
PPC 2,5/15	① 3000669	10

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 2,5	3000671	50
PC	3040588	50



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	5.2 x No. of pos.	20.5	41	
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24 ²⁾	500	0.14 - 4	26-12
	IEC	UL / CUL	CSA	Ex
	500	300	300	-
	24 ²⁾ / 2.5	20 / -	20 / -	- / -
Rated data				
Rated voltage				
Nominal current / cross section				
Connection capacity				
1 conductor				
Connection cross sections directly plug-in				
	0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
	0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

Ordering data		
Type	Order No.	Pcs./Pkt.
PPC 2,5/1-L	① 3000653	50
PPC 2,5/1-L BU	① 3000654	50
PPC 2,5/1-L GNYE	① 3000655	50

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 2,5	3000671	50
PC	3040588	50

Description	No. of pos.	Width	Color
COMBI coupling	2	10.4 mm	gray
	3	15.4 mm	gray
	4	20.6 mm	gray
	5	25.7 mm	gray
	6	30.9 mm	gray
	7	36 mm	gray
	8	41.2 mm	gray
	9	46.3 mm	gray
	10	51.5 mm	gray
	11	56.6 mm	gray
	12	61.8 mm	gray
	13	66.9 mm	gray
	14	72.1 mm	gray
	15	77.2 mm	gray
COMBI coupling, for self-assembly	1	5.2 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, width: 2.2 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red

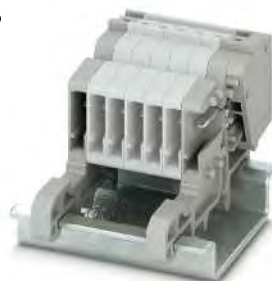
Couplings

- The panel feed-through can be used to securely fasten free-hanging PPC 2,5 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 290.

²⁾ For derating curve, visit phoenixcontact.net/products



24 A, coupling for DIN rail mounting



Panel feed-through



Technical data ¹⁾			
Width	Length	Height	
5.2	41	35.2 (NS 35/7,5) / 34.7 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
IEC	UL / CUL	CSA	Ex
500	300	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
PPC 2,5-NS/1-L	① 3000652	50	

Accessories ¹⁾			
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	
D-PPC 2,5	3000671	50	
PC	3040588	50	



Technical data ¹⁾			
Width	Length	Height	
5.2	-	max. Ø [mm²]	AWG (UL)
		-	-
IEC	UL / CUL	CSA	Ex
-	-	-	-
-	- / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-

Ordering data			
Type	Order No.	Pcs./Pkt.	
SSL 2,5	3043815	50	

Accessories ¹⁾			

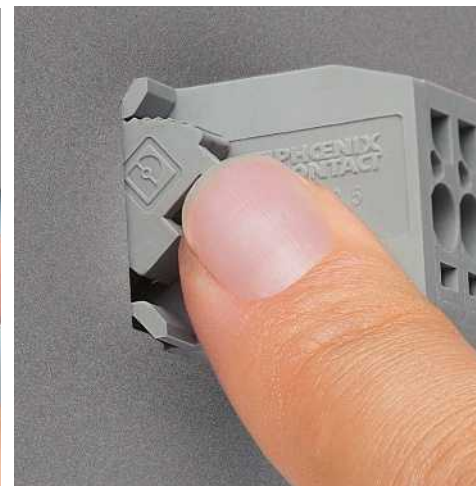
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
1 conductor	[mm ²]
Connection cross sections directly plug-in	[mm ²]

Description	Color
COMBI coupling	gray
Panel feed-through, for snapping on to receptacles, 1 SSL 2.5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm	gray

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, width: 2.2 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red



Fit the receptacle and SSL 2.5 in panel cutout

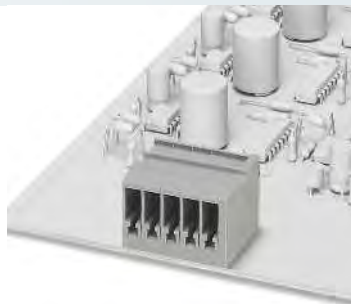


Fixing the receptacle

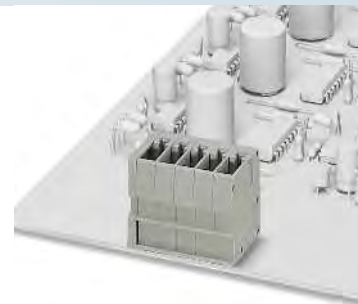
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction



Technical data			
Width	Length	Height	
10.4	21.7	18.1	
I _{max} [A]		max. Ø [mm ²]	AWG (UL)
24		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCB/ 2-G-5,2	1980378	50
ST 2,5-PCB/ 3-G-5,2	1980381	50
ST 2,5-PCB/ 4-G-5,2	1980394	50
ST 2,5-PCB/ 5-G-5,2	1980404	50
ST 2,5-PCB/ 6-G-5,2	1980417	50
ST 2,5-PCB/ 7-G-5,2	1980420	50
ST 2,5-PCB/ 8-G-5,2	1980433	50
ST 2,5-PCB/ 9-G-5,2	1980446	50
ST 2,5-PCB/10-G-5,2	1980459	50
ST 2,5-PCB/11-G-5,2	1980462	50
ST 2,5-PCB/12-G-5,2	1980475	50

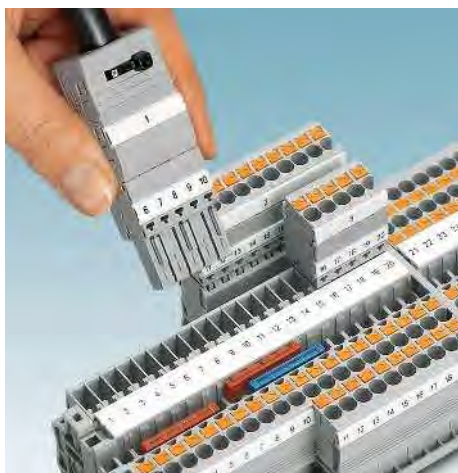


Technical data			
Width	Length	Height	
12.5	18.05	21.7	
I _{max} [A]	max. Ø [mm ²]		AWG (UL)
24	-		-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
Rated voltage	[V]		
Nominal current / cross section	[A] / [mm ²]		
Rated cross section	[mm ²]		
2.5	-	-	-
General data			
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCBV/ 2-G-5,2	1980488	50
ST 2,5-PCBV/ 3-G-5,2	1980491	50
ST 2,5-PCBV/ 4-G-5,2	1980501	50
ST 2,5-PCBV/ 5-G-5,2	1980514	50
ST 2,5-PCBV/ 6-G-5,2	1980527	50
ST 2,5-PCBV/ 7-G-5,2	1980530	50
ST 2,5-PCBV/ 8-G-5,2	1980543	50
ST 2,5-PCBV/ 9-G-5,2	1980556	50
ST 2,5-PCBV/10-G-5,2	1980569	50
ST 2,5-PCBV/11-G-5,2	1980572	50
ST 2,5-PCBV/12-G-5,2	1980585	50

Description	No. of pos.	Width	Color
COMBI header	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
COMBI header	2	12.5 mm	gray
	3	17.7 mm	gray
	4	22.9 mm	gray
	5	28.1 mm	gray
	6	33.3 mm	gray
	7	38.5 mm	gray
	8	43.7 mm	gray
	9	48.9 mm	gray
	10	54.1 mm	gray
	11	59.3 mm	gray
	12	64.5 mm	gray

COMBI connectors



- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large-surface marking options
- Robust cable housings are available for strain relief on connecting cables

Notes:

- 1) For additional accessories and technical data, see page 290.
- 2) For derating curve, visit phoenixcontact.net/products

①



24 A, connector, connection in plug-in direction



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data ¹⁾			
Width	Length	Height	Height plugged
5.2 x No. of pos.	15.8	40.2	24
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
IEC	UL / CUL	CSA	Ex
500	600	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Description	No. of pos.	Width	Color
COMBI connectors	1	5.2 mm	gray
	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
	13	67.6 mm	gray
	14	72.8 mm	gray
	15	78 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow

Ordering data		
Type	Order No.	Pcs./Pkt.
PP-H 2,5/ 1	① 3209866	50
PP-H 2,5/ 2	① 3209879	50
PP-H 2,5/ 3	① 3209882	50
PP-H 2,5/ 4	① 3209895	50
PP-H 2,5/ 5	① 3209905	50
PP-H 2,5/ 6	① 3209918	25
PP-H 2,5/ 7	① 3209921	25
PP-H 2,5/ 8	① 3209934	25
PP-H 2,5/ 9	① 3209947	25
PP-H 2,5/10	① 3209950	25
PP-H 2,5/11	① 3209963	10
PP-H 2,5/12	① 3209976	10
PP-H 2,5/13	① 3209989	10
PP-H 2,5/14	① 3209992	10
PP-H 2,5/15	① 3210004	10
PP-H 2,5/ 1 BU	① 3210017	50
PP-H 2,5/ 1 GNYE	① 3210020	50

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange

Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray

Cable housing, for COMBI plugs SP-H ... and PP-H ..., 2-pos.	gray
3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray
11-pos.	gray
12-pos.	gray
13-pos.	gray
14-pos.	gray
15-pos.	gray

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
DF-SP-H 2,5	3209824	50
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25
PH 2,5/10	3209769	25
PH 2,5/11	3209772	10
PH 2,5/12	3209785	10
PH 2,5/13	3209798	10
PH 2,5/14	3209808	10
PH 2,5/15	3209811	10

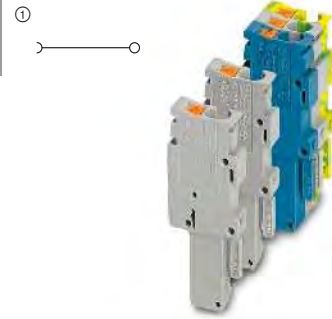
COMBI connectors for self-assembly

- The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
- Robust cable housings are available for strain relief on connecting cables
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① PP-H 2,5/S/1-L
- ② PP-H 2,5/S/1-M and PP-H 2,5/S/1-M BU
- ③ PP-H 2,5/S/1-R GNYE

Notes:

- 1) For additional accessories and technical data, see page 290.
- 2) For derating curve, visit phoenixcontact.net/products



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



Dimensions	[mm]
------------	------

Maximum electrical data

Rated data	[V]
Rated voltage	500
Nominal current / cross section	24 ² / 2.5

Description	No. of pos.	Color
COMBI connector, left element	1	gray
	1	blue
	1	green-yellow
COMBI connector, center element	1	gray
COMBI connector, right element	1	blue
	1	green-yellow
	1	gray

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange

Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black

Screw flange cover, for SP-H ... and PP 2,5..., PP-H ... COMBI connectors	gray
---	------

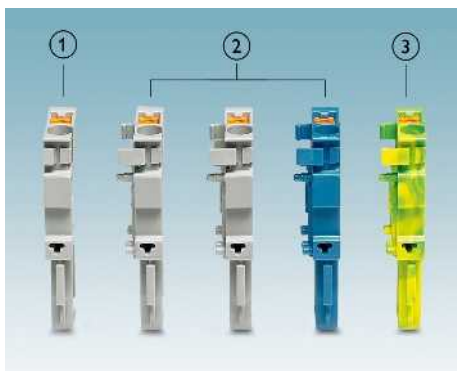
Cable housing, for COMBI plugs SP-H ... and PP-H ..., 2-pos.	gray
3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray
11-pos.	gray
12-pos.	gray
13-pos.	gray
14-pos.	gray
15-pos.	gray

Technical data ¹⁾			
Width	Length	Height	Height plugged
5.2 x No. of pos.	15.8	40.2	24

I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24 ²	500	0.14 - 4	26-12
IEC	UL / CUL	CSA	Ex
24 ² / 2.5	20 / -	20 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PP-H 2,5/1-L	① 3210062	50
PP-H 2,5/1-L BU	① 3210075	50
PP-H 2,5/1-L GNYE	① 3210088	50
PP-H 2,5/1-M	① 3210091	50
PP-H 2,5/1-M BU	① 3210101	50
PP-H 2,5/1-M GNYE	① 3210114	50
PP-H 2,5/1-R	① 3210127	50
PP-H 2,5/1-R BU	① 3210130	50
PP-H 2,5/1-R GNYE	① 3210143	50

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
DF-SP-H 2,5	3209824	50
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25
PH 2,5/10	3209769	25
PH 2,5/11	3209772	10
PH 2,5/12	3209785	10
PH 2,5/13	3209798	10
PH 2,5/14	3209808	10
PH 2,5/15	3209811	10



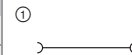
Terminal blocks – CLIPLINE complete

2.5 mm² COMBI PT plug-in connection solutions

COMBI connectors for 800 V in accordance with IEC or 600 V in accordance with UL

- For high standards in accordance with UL 508A
- 600 V for applications in accordance with UL 1059, use group C

Notes:
1) For additional accessories and technical data, see page 290.
2) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction



Dimensions
[mm]
Maximum electrical data
Rated data
Rated voltage [V]
Nominal current / cross section [A] / [mm²]

Technical data ¹⁾			
Width	Length	Height	Height plugged
5.2 x No. of pos.	16	41.2	25.6
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24 ²⁾	800	0.14 - 4	26-12
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Description	No. of pos.	Width	Color
COMBI connectors	1	5.2 mm	gray
	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
	13	67.6 mm	gray
	14	72.8 mm	gray
	15	78 mm	gray

Ordering data		
Type	Order No.	Pcs./Pkt.
PP 2,5/ 1	① 3211280	50
PP 2,5/ 2	① 3211281	50
PP 2,5/ 3	① 3211282	50
PP 2,5/ 4	① 3211283	50
PP 2,5/ 5	① 3211284	50
PP 2,5/ 6	① 3211285	25
PP 2,5/ 7	① 3211286	25
PP 2,5/ 8	① 3211287	25
PP 2,5/ 9	① 3211288	25
PP 2,5/10	① 3211289	25
PP 2,5/11	① 3211290	10
PP 2,5/12	① 3211291	10
PP 2,5/13	① 3211292	10
PP 2,5/14	① 3211293	10
PP 2,5/15	① 3211294	10

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
DF-SP-H 2,5	3209824	50

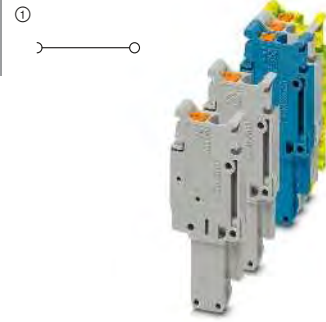
COMBI connectors for self-assembly

- The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
- Robust cable housings are available for strain relief on connecting cables
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① PP 2,5/1-L
- ② PP 2,5/1-M and PP 2,5/1-M BU
- ③ PP 2,5/1-R GNYE

Notes:

- 1) For additional accessories and technical data, see page 290.
- 2) For derating curve, visit phoenixcontact.net/products



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



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

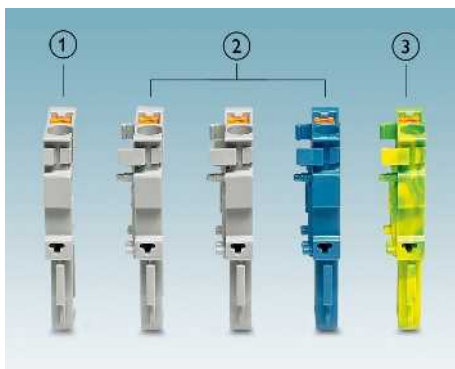
Technical data ¹⁾			
Width	Length	Height	Height plugged
5.2 x No. of pos.	16	41.2	25.6
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	800	0.14 - 4	26-12
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -

Description	No. of pos.	Color
COMBI connector, left element	1	gray
	1	blue
	1	green-yellow
COMBI connector, center element	1	gray
COMBI connector, right element	1	blue
	1	green-yellow
	1	gray
COMBI connector, right element	1	gray
	1	blue
	1	green-yellow

Type	Order No.	Pcs./Pkt.
PP 2,5/ 1-L	① 3211271	50
PP 2,5/ 1-L BU	① 3211272	50
PP 2,5/ 1-L GNYE	① 3211273	50
PP 2,5/ 1-M	① 3211274	50
PP 2,5/ 1-M BU	① 3211275	50
PP 2,5/ 1-M GNYE	① 3211276	50
PP 2,5/ 1-R	① 3211277	50
PP 2,5/ 1-R BU	① 3211278	50
PP 2,5/ 1-R GNYE	① 3211279	50

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ... COMBI connectors	gray

Accessories ¹⁾		
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
DF-SP-H 2,5	3209824	50



Terminal blocks – CLIPLINE complete

2.5 mm² COMBI UT plug-in connection solutions

General technical data

Rated data		IEC 61984			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 flexible conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	9			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



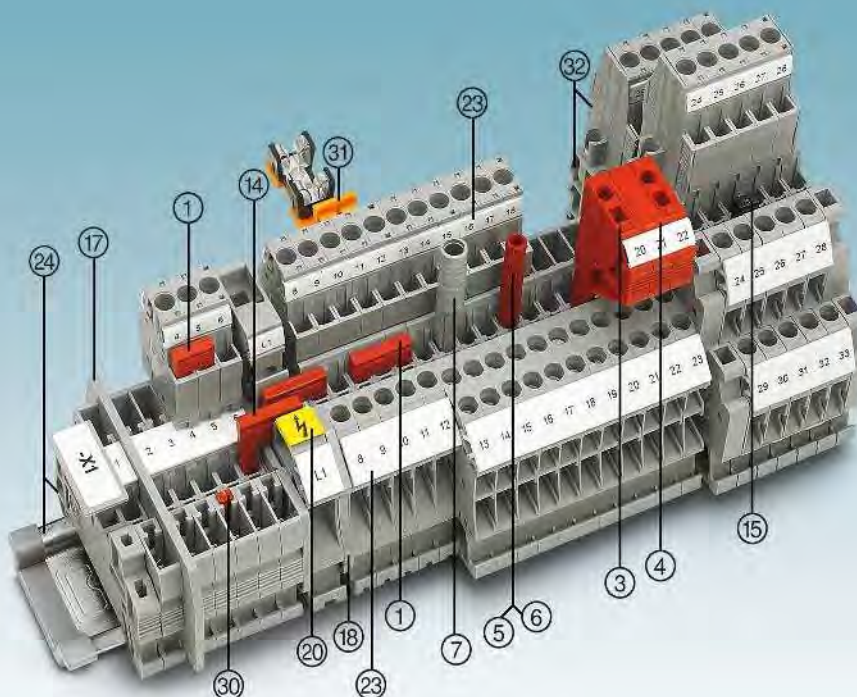
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	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			
⑧ Coding profile		red	PC	3040588	50			
Screwdriver			SF-SL 0,6X3,5-100 S-VDE	1212587	10			
⑭ Reducing bridge			For RB ..., see page 408.					
⑮ Vertical potential bridge			For FBS-PV ..., see page 404.					
⑰ Partition plates/end cover segments			For ATP-... / DS-..., visit phoenixcontact.net/products					
⑲ Cover			Listed alongside the respective product.					
㉔ Warning labels			For WS ..., see page 420.					
㉑ Lateral groove labeling			Terminal block: UC-TM 5, UCT-TM 5 or ZB 5. Connector: UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.					
㉒ DIN rail and end bracket			See Catalog 3					
㉓ Latching, strain relief, shielding			See from page 362.					
㉔ Screw flanges, screw flange cover			See from page 372.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

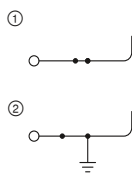
Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 302.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.



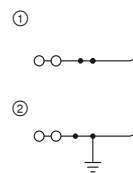
24 A, feed-through terminal block



Technical data¹)			
Width	Length	Height	
5.2	49.1	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24²)	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
24²) / 2.5	20 / -	20 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
-	-	-	0.5 - 1.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5/1P	① 3045017	50	
UT 2,5/1P BU	① 3045020	50	
UT 2,5/1P-PE	② 3045033	50	

Accessories ¹⁾			
D-UT 2,5/1P	3047154	50	



24 A, feed-through terminal block, 3 connections



Technical data ¹⁾				
Width	Length	Height		
5.2	55.7	47.5 (NS 35/7,5)		
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)	
24 ²⁾	500	0.14 - 4	26-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	-	-	
24 ²⁾ / 2.5	20 / -	- / -	- / -	
Rigid	Flexible	Ferrule		
		without/with plastic sleeve		
0.14 - 1.5	0.14 - 1.5	0.14 - 1	-	
-	-	-	0.5 - 1	

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 2,5-TWIN/1P	① 3060490	50	
UT 2,5-TWIN/1P BU	① 3060500	50	
UT 2,5-TWIN/1P-PE	② 3060513	50	

Accessories ¹⁾			
D-UT 4-TWIN/ 1P	3045237	50	

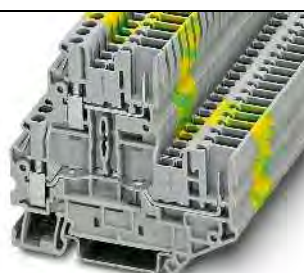
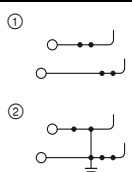
Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 302.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.



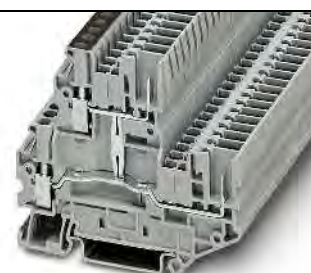
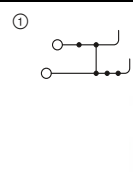
24 A, feed-through terminal block



Technical data ¹⁾			
Width	Length	Height	
5.2	69.9	65 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
24 ²⁾ / 2.5	20 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 2,5/2P	① 3060351	50	
UTTB 2,5/2P BU	① 3060364	50	
UTTB 2,5/2P-PE	② 3060380	50	

Accessories ¹⁾			
D-UTTB 2,5/4 2P	3060393	50	



24 A, double-level terminal block with equipotential bonder



Technical data ¹⁾			
Width	Length	Height	
5.2	69.9	65 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
24 ²⁾ / 2.5	20 / -	- / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
UTTB 2,5/2P-PV	① 3060377	50	
UTTB 2,5/2P-PV BU	① 3060487	50	

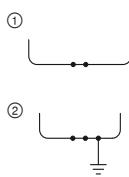
Accessories ¹⁾			
D-UTTB 2,5/4 2P	3060393	50	

Terminal blocks – CLIPLINE complete

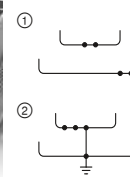
2.5 mm² COMBI UT plug-in connection solutions

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

Notes:
1) For additional accessories and technical data, see page 302.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 372.
For self-locking flange, see page 371.



24 A, feed-through terminal block



22 A, double-level terminal block



Technical data ¹⁾			
Width	Length	Height	
5.2	49.1	36.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.08 - 4	-
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
24 ²⁾ / 2.5	20 / -	20 / -	- / -
28 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
-	-	-	0.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
ST 2,5/2P	① 3042133	50	
ST 2,5/2P BU	① 3042094	50	
ST 2,5/2P-PE	② 3042146	50	

Accessories ¹⁾			
D-ST 2,5	3030417	50	



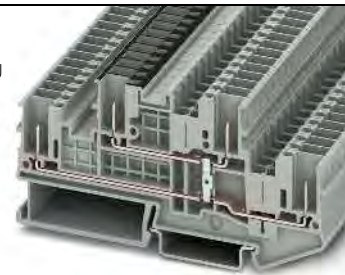
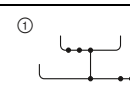
Technical data ¹⁾			
Width	Length	Height	
5.2	98.8	47.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
22 ²⁾	500	0.08 - 4	-
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
22 ²⁾ / 2.5	20 / -	20 / -	- / -
28 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
-	-	-	0.5

Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5/4P	① 3061486	50	
STTB 2,5/4P BU	① 3061512	50	
STTB 2,5/4P-PE	② 3061499	50	

Accessories ¹⁾			
D-STTB 2,5/4P	3061538	50	

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

Notes:
1) For additional accessories and technical data, see page 302.
2) For derating curve, visit phoenixcontact.net/products



22 A, double-level terminal block with equipotential bonding



Dimensions		[mm]
Maximum electrical data		
Maximum bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm²]
2 flexible conductors with a TWIN ferrule		[mm²]

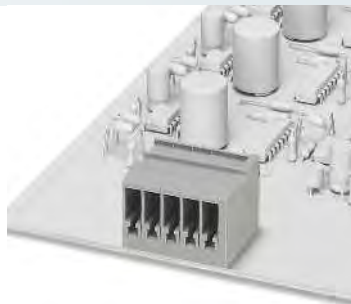
Ordering data			
Type	Order No.	Pcs./Pkt.	
STTB 2,5/4P-PV	① 3061509	50	

Accessories ¹⁾			
D-STTB 2,5/4P	3061538	50	

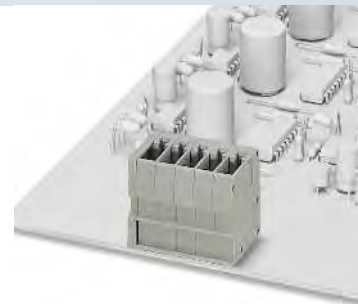
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction



Technical data			
Width	Length	Height	
10.4	21.7	18.1	
I _{max} [A]		max. Ø [mm²]	AWG (UL)
24		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCB/ 2-G-5,2	1980378	50
ST 2,5-PCB/ 3-G-5,2	1980381	50
ST 2,5-PCB/ 4-G-5,2	1980394	50
ST 2,5-PCB/ 5-G-5,2	1980404	50
ST 2,5-PCB/ 6-G-5,2	1980417	50
ST 2,5-PCB/ 7-G-5,2	1980420	50
ST 2,5-PCB/ 8-G-5,2	1980433	50
ST 2,5-PCB/ 9-G-5,2	1980446	50
ST 2,5-PCB/10-G-5,2	1980459	50
ST 2,5-PCB/11-G-5,2	1980462	50
ST 2,5-PCB/12-G-5,2	1980475	50



Technical data			
Width	Length	Height	
12.5	18.05	21.7	
I _{max} [A]		max. Ø [mm²]	AWG (UL)
24		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCBV/ 2-G-5,2	1980488	50
ST 2,5-PCBV/ 3-G-5,2	1980491	50
ST 2,5-PCBV/ 4-G-5,2	1980501	50
ST 2,5-PCBV/ 5-G-5,2	1980514	50
ST 2,5-PCBV/ 6-G-5,2	1980527	50
ST 2,5-PCBV/ 7-G-5,2	1980530	50
ST 2,5-PCBV/ 8-G-5,2	1980543	50
ST 2,5-PCBV/ 9-G-5,2	1980556	50
ST 2,5-PCBV/10-G-5,2	1980569	50
ST 2,5-PCBV/11-G-5,2	1980572	50
ST 2,5-PCBV/12-G-5,2	1980585	50

Description	No. of pos.	Width	Color
COMBI header	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
COMBI header	2	12.5 mm	gray
	3	17.7 mm	gray
	4	22.9 mm	gray
	5	28.1 mm	gray
	6	33.3 mm	gray
	7	38.5 mm	gray
	8	43.7 mm	gray
	9	48.9 mm	gray
	10	54.1 mm	gray
	11	59.3 mm	gray
	12	64.5 mm	gray

COMBI connectors

Notes:

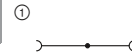
1) For additional accessories and technical data, see page 302.



- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large-surface marking options
- The screw connectors can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions

UPBV ... connectors

- Bridgeable with the standard bridges FBS ...
- Side conductor connection
- Screw actuation from above
- The connected conductors can be passed directly into the cable duct to save space



24 A, connector, connection at a right angle to the plug-in direction



Technical data¹⁾

Dimensions		Width	Length	Height	Height plugged
		5.2 x No. of pos.	20.5	47	32.2
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
Maximum bridge current		24	500	0.14 - 4	26-12
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage		500	600	-	-
Nominal current / cross section		24 / 2.5	20 / -	- / -	- / -
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve	
2 flexible conductors with a TWIN ferrule		-	-	-	0.5 - 1

Description	No. of pos.	Width	Color
Connector	1	5.2 mm	gray
	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
	13	67.6 mm	gray
	14	72.8 mm	gray
	15	78 mm	gray
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI plugs	1	5.2 mm	blue
	1	5.2 mm	green-yellow

Strain relief, for UPBV... plugs, 2-pos.	black
Latching, for UPBV plugs, 2-pos.	orange
Latching and strain relief systems, for UPBV... plugs, 2-pos.	orange
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI plugs	gray

Ordering data

Type	Order No.	Pcs./Pkt.
UPBV 2,5/ 1	3045145	50
UPBV 2,5/ 2	3045402	50
UPBV 2,5/ 3	3045415	50
UPBV 2,5/ 4	3045428	50
UPBV 2,5/ 5	3045431	50
UPBV 2,5/ 6	3045444	25
UPBV 2,5/ 7	3045457	25
UPBV 2,5/ 8	3045460	25
UPBV 2,5/ 9	3045473	25
UPBV 2,5/10	3045499	25
UPBV 2,5/11	3045509	10
UPBV 2,5/12	3045512	10
UPBV 2,5/13	3045525	10
UPBV 2,5/14	3045538	10
UPBV 2,5/15	3045541	10
UPBV 2,5/ 1 BU	3045240	50
UPBV 2,5/ 1 GNYE	3045253	50

Accessories¹⁾

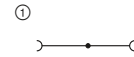
UPZ/ 2	3045554	50
UPR/ 2	3045567	50
UPRZ	3045570	50
DF-UPBV 2,5/ 4	3060432	50

COMBI connectors for self-assembly

Notes:

¹⁾ For additional accessories and technical data, see page 302.

²⁾ For derating curve, visit phoenixcontact.net/products



24 A, connector, connection at a right angle to the plug-in direction



Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Connection capacity	
2 flexible conductors with a TWIN ferrule	[mm²]

Technical data ¹⁾			
Width	Length	Height	Height plugged
5.2 x No. of pos.	20.5	47	32.2
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24 ²⁾	500	0.14 - 4	26-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
24 ²⁾ / 2.5	20 / -	- / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	0.5 - 1

Description	No. of pos.	Color
Connector, left element	1	gray
	1	blue
	1	green-yellow
Connector, center element	1	gray
	1	blue
	1	green-yellow
Connector, right element	1	gray
	1	blue
	1	green-yellow

Ordering data		
Type	Order No.	Pcs./Pkt.
UPBV 2,5/ 1-L	① 3045318	50
UPBV 2,5/ 1-L BU	① 3045321	50
UPBV 2,5/ 1-L GNYE	① 3045334	50
UPBV 2,5/ 1-M	① 3045347	50
UPBV 2,5/ 1-M BU	① 3045350	50
UPBV 2,5/ 1-M GNYE	① 3045363	50
UPBV 2,5/ 1-R	① 3045376	50
UPBV 2,5/ 1-R BU	① 3045389	50
UPBV 2,5/ 1-R GNYE	① 3045392	50

Strain relief, for UPBV... plugs, 2-pos.	black
Latching, for UPBV plugs, 2-pos.	orange
Latching and strain relief systems, for UPBV... plugs, 2-pos.	orange
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI plugs	gray

Accessories ¹⁾		
UPZ/ 2	3045554	50
UPR/ 2	3045567	50
UPRZ	3045570	50
DF-UPBV 2,5/ 4	3060432	50

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm²]	2.5
Cross section range	AWG	28 - 12
Connection capacity		Rigid Flexible Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.08 - 4 0.08 - 2.5 0.14 - 2.5 0.14 - 2.5
2 flexible conductors with a TWIN ferrule	[mm²]	- - - 0.5
General data		
Stripping length	[mm]	8 - 10
Insulating material		PA
Flammability rating in accordance with UL 94		VO
Note: Additional or deviating data is listed alongside the respective product.		

Notes:



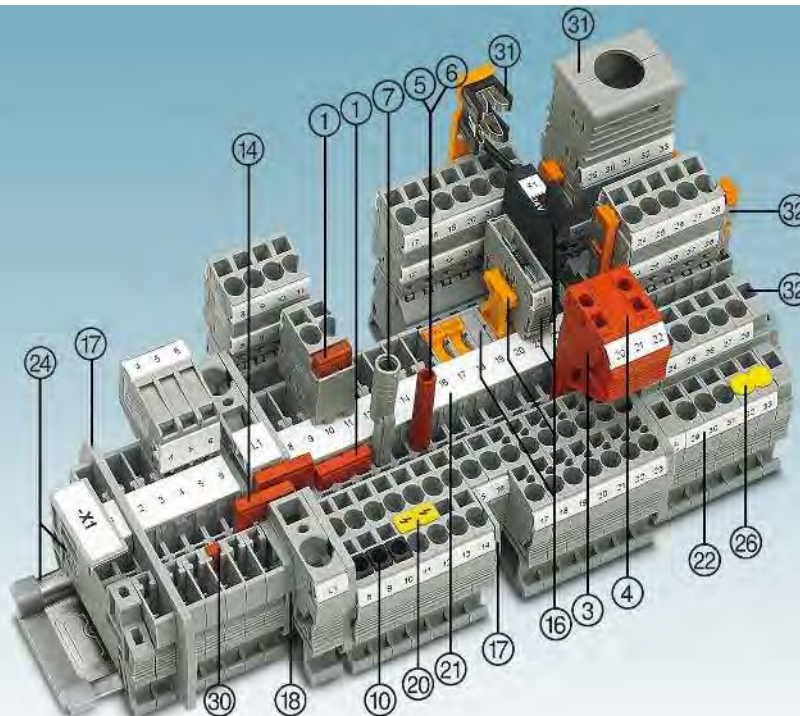
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 Bridge¹)	2	red	FBS 2-5	3030161	50	FBSR 2-5	3033702	50
	3	red	FBS 3-5	3030174	50	FBSR 3-5	3001591	50
	4	red	FBS 4-5	3030187	50	FBSR 4-5	3001592	50
	5	red	FBS 5-5	3030190	50	FBSR 5-5	3001593	50
	10	red	FBS 10-5	3030213	10	FBSR 10-5	3033710	10
	20	red	FBS 20-5	3030226	10			
③ Modular test plug		red	PS-5	3030983	10			
④ Spacer plate		red	DP PS-5	3036725	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			
⑩ Insulating sleeve		white	ISH 2,5/0,2	3002843	50			
		gray	ISH 2,5/0,5	3002856	50			
		black	ISH 2,5/1,0	3002869	50			
Screwdriver			SZF 1-0,6X3,5	1204517	10			

⑭ Reducing bridge	For RB ..., see page 408.
⑮ Fuse and function plugs for disconnect terminal blocks	For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 414.
⑰ Partition plates/end cover segments	For ATP-... / DS-..., visit phoenixcontact.net/products
⑱ Cover	Listed alongside the respective product.
⑲ Warning labels	For WS ..., see page 420.
⑳ Center groove labeling	UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables, from page 60.
㉑ Center and side groove labeling	UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables, from page 60.
㉒ DIN rail and end bracket	See Catalog 3
㉓ Cover for conductor shaft	For CEC ..., see page 421.
㉔ Latching, strain relief, shielding	See from page 362.
㉕ Screw flanges, screw flange cover	See from page 372.
For full accessories, visit phoenixcontact.net/products	
Note: Additional or deviating accessories are listed alongside the respective product.	

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

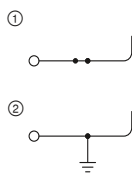
Notes:

¹⁾ For additional accessories and technical data, see page 308.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.

For self-locking flange, see page 371.



24 A, feed-through terminal block



Technical data¹⁾

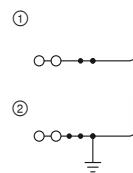
Width	Length	Height
5.2	48.5	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
24 ²⁾	500	0.08 - 4 28-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	300 -
24 ²⁾ / 2.5	20 / -	20 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5/ 1P	① 3040012	50
ST 2,5/ 1P BU	① 3040656	50
ST 2,5/ 1P-PE	② 3040025	50

Accessories¹⁾

D-ST 2,5	3030417	50
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24 A, feed-through terminal block, 3 connections



Technical data¹⁾

Width	Length	Height
5.2	60.5	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
24 ²⁾	500	0.08 - 4 28-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	600 -
24 ²⁾ / 2.5	20 / -	20 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-TWIN/ 1P	① 3042117	50
ST 2,5-TWIN/ 1P BU	① 3042104	50
ST 2,5-TWIN/ 1P-PE	② 3042120	50

Accessories¹⁾

D-ST 2,5-TWIN	3030488	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

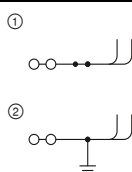
Notes:

¹⁾ For additional accessories and technical data, see page 308.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.

For self-locking flange, see page 371.



24 A, feed-through terminal block, 4 connections



Technical data¹⁾

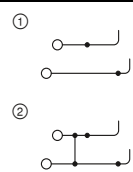
Width	Length	Height
5.2	81	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
24 ²⁾	500	0.08 - 4 28-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	600 -
24 ²⁾ / 2.5	20 / -	20 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-QUATTRO/2P	① 3040038	50
ST 2,5-QUATTRO/2P BU	① 3040669	50
ST 2,5-QUATTRO/2P-PE	② 3040041	50

Accessories¹⁾

D-ST 2,5-QUATTRO/2P	3040083	50
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22 A, feed-through terminal block



Technical data¹⁾

Width	Length	Height
5.2	71.5	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
22 ²⁾	500	0.08 - 4 28-12
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	600 -
22 ²⁾ / 2.5	20 / -	20 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
STTB 2,5/2P	① 3040054	50
STTB 2,5/2P BU	① 3040672	50
STTB 2,5/2P-PV	② 3040070	50
STTB 2,5/2P-PV BU	② 3040685	50
STTB 2,5/2P-PE	③ 3040067	50

Accessories¹⁾

D-STTB 2,5/2P	3040096	50
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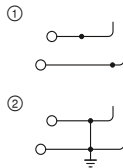
Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

Multi-level terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 308.
 2) For derating curve, visit phoenixcontact.net/products
 For screw flange, see page 372.
 For self-locking flange, see page 371.



22 A, feed-through terminal block



Technical data¹⁾

Dimensions	[mm]
Width	5.2
Length	71.5
Height	47.5 (NS 35/7,5)
Maximum electrical data	
I_{max} [A]	22 ²⁾
U_{max} [V]	500
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	500
Nominal current / cross section	22 ²⁾ / 2.5

Technical data ¹⁾	
Width	5.2
Length	71.5
Height	47.5 (NS 35/7,5)
I_{max} [A]	22 ²⁾
U_{max} [V]	500
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	500
Nominal current / cross section	22 ²⁾ / 2.5

Ordering data

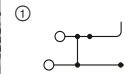
Description	Color
Terminal block, with marking groove on the plug-in side	gray
	blue
	gray
Ground terminal, with marking groove on the plug-in side	green/yellow

Type		Order No.	Pcs./Pk
STTB 2,5/2P SO	①	3040892	50
STTB 2,5/2P BU SO	①	3040902	50
STTB 2,5/2P-PE SO	②	3040915	50

Accessories¹⁾

Cover, width: 2.2 mm	gray
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D-STTB 2,5/2P	3040096	50
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22 A, feed-through terminal block, with equipotential bonding



Technical data¹⁾

Technical data ¹⁾	
Width	5.2
Length	71.5
Height	47.5 (NS 35/7,5)
I_{max} [A]	22 ²⁾
U_{max} [V]	500
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	500
Nominal current / cross section	22 ²⁾ / 2.5

Technical data ¹⁾	
Width	5.2
Length	71.5
Height	47.5 (NS 35/7,5)
I_{max} [A]	22 ²⁾
U_{max} [V]	500
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	500
Nominal current / cross section	22 ²⁾ / 2.5

Ordering data

Type	Order No.	Pcs./Pkt.
STTB 2,5/2P-PV SO	① 3040928	50

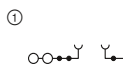
Accessories¹⁾

D-STTB 2,5/2P	3040096	50
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Disconnect and knife disconnect terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 308.
 2) Current and voltage are determined by the plug used.
 3) For derating curve, visit phoenixcontact.net/products



20 A, disconnect terminal block, 3 connections



Technical data¹⁾

Technical data ¹⁾	
Width	5.2
Length	81
Height	36.5 (NS 35/7,5)
I_{max} [A]	20 ³⁾
U_{max} [V]	400 ²⁾
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	400 ²⁾
Nominal current / cross section	20 ³⁾ / 2.5

Technical data ¹⁾	
Width	5.2
Length	81
Height	36.5 (NS 35/7,5)
I_{max} [A]	20 ³⁾
U_{max} [V]	400 ²⁾
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	400 ²⁾
Nominal current / cross section	20 ³⁾ / 2.5

Ordering data

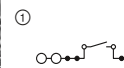
Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray

Type	Order No.	Pcs/Pk
ST 2,5-TWIN-TG/1P ①	3040847	50

Accessories¹⁾

D-ST 2,5-QUATTRO/2P	3040083	50
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D-ST 2,5-QUATTRO/2P	3040083	50
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20 A, knife disconnect terminal block, 3 connections



Technical data¹⁾

Technical data ¹⁾	
Width	5.2
Length	81
Height	36.5 (NS 35/7,5)
I_{max} [A]	20 ³⁾
U_{max} [V]	400 ²⁾
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	400 ²⁾
Nominal current / cross section	20 ³⁾ / 2.5

Technical data ¹⁾	
Width	5.2
Length	81
Height	36.5 (NS 35/7,5)
I_{max} [A]	20 ³⁾
U_{max} [V]	400 ²⁾
max. $\varnothing$ [mm ²]	0.08 - 4
AWG (UL)	28-12
Maximum bridge current	24 (FBS) / 17.5 (FBSR)
Rated data	
Rated voltage	400 ²⁾
Nominal current / cross section	20 ³⁾ / 2.5

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-TWIN-MT/1P	① 3040766	50

Type	Order No.	Pcs./Pkt.
ST 2,5-TWIN-TG/1P ①	3040847	50

Accessories¹⁾

D-ST 2,5-QUATTRO/2P	3040083	50
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D-ST 2,5-QUATTRO/2P	3040083	50
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Four-level terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 308.

²⁾ For derating curve, visit phoenixcontact.net/products



10 A, four-level terminal block

Technical data¹⁾

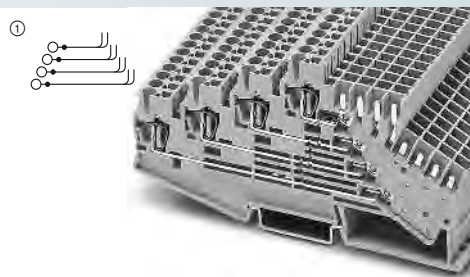
Width	Length	Height		
5.2	101	59 (NS 35/7,5)		
I_{max} [A]	U_{max} [V]	max. Ø [mm²]	AWG (UL)	
10²)	250	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
250	300	300	-	
10²) / 1.5	10 / -	10 / -	- / -	

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-4L/1P	① 3041985	50
ST 2,5-PE/3L/1P	② 3041969	50

Accessories¹⁾

D-ST 2,5-4L/1P	3041930	50
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10 A, four-level terminal block, two slots

Technical data¹⁾

Width	Length	Height	
5.2	120.5	59 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
10 ²	250	0.08 - 4	28-12
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	300	300	-
10 ² / 1.5	10 / -	10 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-4L/2P	① 3042007	50
ST 2,5-4L/2P-Z	① 3041998	50

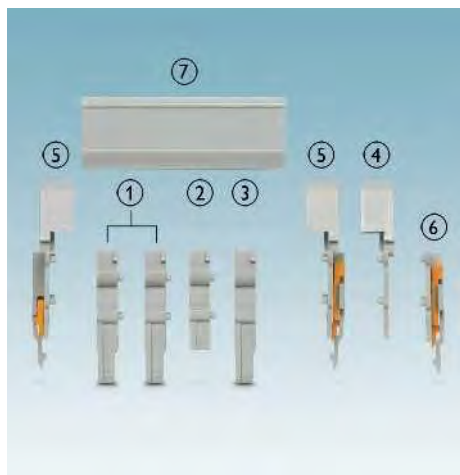
Accessories¹⁾

D-ST 2,5-4L/2P	3041927	50
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Connector housings for four-level terminal blocks

Notes:

In order to crimp STG-MTN... modular socket contacts, the CRIMPFOX MT 2,5 (Order No. 1204038) must be used.



- ① 4-pos. connector with CP-H 2,5-4L-Z engagement pin
- ② DP-CP-H 2,5-4L spacer plate
- ③ CP-H 2,5-4L 4-pos. connector
- ④ D-CP-H 2,5-4L cover profile carrier
- ⑤ DFS-CP-H 2,5-4L cover profile carrier with self-locking flange cover
- ⑥ DFS-CP 2,5-4L self-locking flange cover
- ⑦ AP-CP-H cover profile



Connector housing, for accommodating four socket contacts

Ordering data

Type	Order No.	Pcs./Pkt.
CP-H 2,5-4L	3012313	50
CP-H 2,5-4L-PE	3012323	50
CP-H 2,5-4L-Z	3012314	50
CP-H 2,5-4L-Z-PE	3012324	50

Accessories

PT 2,5-4L/1P-FS		3012302	10
DP-CP-H 2,5-4L		3012319	50
AP-CP-H	METER	3012315	10
D-CP-H 2,5-4L		3012320	50
DFS-CP-H 2,5-4L		3012317	50
DFS-CP 2,5-4L		3012321	50
STG-MTN 0,5-1,0		3190438	100
STG-MTN 1,5-2,5		3190506	100

Description	Color
Plug housing, for accommodating 4 socket contacts	gray
Plug housing with engagement pin	gray gray gray

Self-locking flange, can be labeled with UC-TM	gray
Spacer plate	gray
Cover profile, 1 m, can be labeled with UC-TM ...	
Cover profile carrier	gray
Cover profile carrier, with self-locking flange cover	gray
Self-locking flange cover	gray
Module socket contact, 0,5 - 1 mm ²	silver
for wires from 1.5 ... 2.5 mm ²	silver

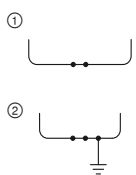
Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

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

Notes:

- 1) For additional accessories and technical data, see page 308.
 2) For derating curve, visit phoenixcontact.net/products
 For screw flange, see page 372.
 For self-locking flange, see page 371.



24 A, feed-through terminal block



Technical data¹⁾

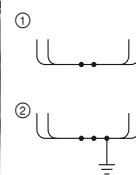
Width	Length	Height
5.2	49.1	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
24 ²⁾	500	0.08 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
500	600	300
24 ²⁾ / 2.5		
20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5/2P	① 3042133	50
ST 2,5/2P BU	① 3042094	50
ST 2,5/2P-PE	② 3042146	50

Accessories¹⁾

D-ST 2,5	3030417	50
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24 A, feed-through terminal block, 4 connections



Technical data¹⁾

Width	Length	Height
5.2	89.5	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
24 ²⁾	500	0.08 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
500	600	600
24 ²⁾ / 2.5		
20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-QUATTRO/4P	① 3042159	50
ST 2,5-QUATTRO/4P BU	① 3042081	50
ST 2,5-QUATTRO/4P-PE	② 3042162	50

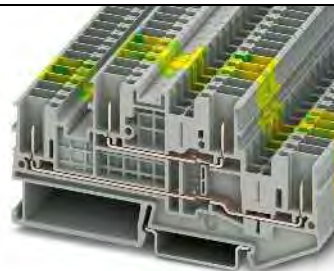
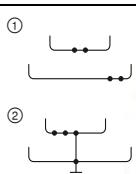
Accessories¹⁾

D-ST 2,5-QUATTRO/4P	3042175	50
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Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

- 1) For additional accessories and technical data, see page 308.
 2) For derating curve, visit phoenixcontact.net/products



22 A, double-level terminal block



Technical data¹⁾

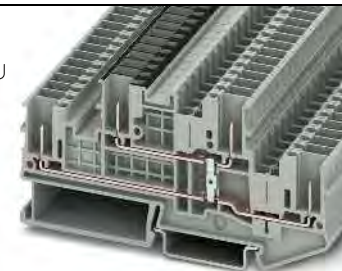
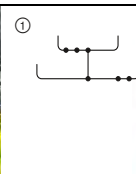
Width	Length	Height
5.2	98.8	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
22 ²⁾	500	0.08 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
500	600	600
22 ²⁾ / 2.5		
20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
STTB 2,5/4P	① 3061486	50
STTB 2,5/4P BU	① 3061512	50
STTB 2,5/4P-PE	② 3061499	50

Accessories¹⁾

D-STTB 2,5/4P	3061538	50
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22 A, double-level terminal block with equipotential bonding



Technical data¹⁾

Width	Length	Height
5.2	98.8	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm²]
22 ²⁾	500	0.08 - 4
24 (FBS) / 17.5 (FBSR)		
IEC	UL / CUL	CSA
500	600	600
22 ²⁾ / 2.5		
20 / -	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
STTB 2,5/4P-PV	① 3061509	50

Accessories¹⁾

D-STTB 2,5/4P	3061538	50
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Couplings

- For secure and space-saving accommodation of plug contacts in cable ducts and distributor shafts
- Test hole in every receptacle disc, to accommodate a test plug with a 2.3 mm diameter

Notes:

¹⁾ For additional accessories and technical data, see page 308.

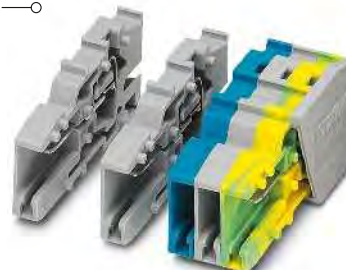
²⁾ For derating curve, visit phoenixcontact.net/products

①



24 A, coupling

①



24 A, coupling, for self-assembly



Technical data¹⁾

Width	Length	Height
5.2 x No. of pos.	37.2	18.8
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]
24	500	0.08 - 4
IEC	UL / CUL	CSA
500	300	-
24 / 2.5	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
SC 2,5/ 2	① 3041312	50
SC 2,5/ 3	① 3042269	50
SC 2,5/ 4	① 3042272	50
SC 2,5/ 5	① 3042285	50
SC 2,5/ 6	① 3042298	25
SC 2,5/ 7	① 3041367	25
SC 2,5/ 8	① 3042308	25
SC 2,5/ 9	① 3041383	25
SC 2,5/10	① 3042311	25
SC 2,5/11	① 3041406	10
SC 2,5/12	① 3042324	10
SC 2,5/13	① 3041422	10
SC 2,5/14	① 3041435	10
SC 2,5/15	① 3041448	10

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50



Technical data¹⁾

Width	Length	Height
5.2 x No. of pos.	37.2	21.8
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]
24 ²⁾	500	0.08 - 4
IEC	UL / CUL	CSA
500	300	-
24 ²⁾ / 2.5	20 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
SC 2,5/ 1-L	① 3042188	50
SC 2,5/ 1-L BU	① 3042191	50
SC 2,5/ 1-L GNYE	① 3042201	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 2,5	3042243	50
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50

Description	No. of pos.	Color
COMBI coupling	2	gray
	3	gray
	4	gray
	5	gray
	6	gray
	7	gray
	8	gray
	9	gray
	10	gray
	11	gray
	12	gray
	13	gray
	14	gray
	15	gray
COMBI coupling, for self-assembly	1	gray
	1	blue
	1	green-yellow

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, width: 2.2 mm	gray
Strain relief, for SPDB... plug and SC 2,5... receptacle, 2-pos.	black
4-pos.	black
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

Couplings

Notes:

1) For additional accessories and technical data, see page 308.

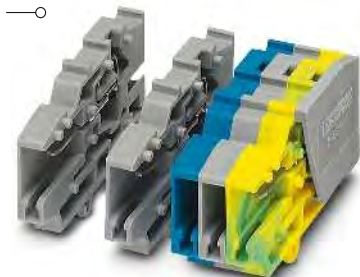
2) For derating curve, visit phoenixcontact.net/products

①



24 A, coupling with securing pin

①



24 A, coupling with securing pin, for self-assembly



Technical data¹⁾

Dimensions	[mm]
------------	------

Width	Length	Height
-------	--------	--------

5.2 x No. of pos.	37.2	21.8
-------------------	------	------

Maximum electrical data

I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
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24	500	0.08 - 4	28-12
----	-----	----------	-------

Rated data

IEC	UL / CUL	CSA	Ex
-----	----------	-----	----

Rated voltage	[V]
---------------	-----

500	300	-	-
-----	-----	---	---

Nominal current / cross section	[A] / [mm ²]
---------------------------------	--------------------------

24 / 2.5	20 / -	- / -	- / -
----------	--------	-------	-------

Ordering data

Description	No. of pos.	Color
COMBI coupling, with securing pin	2	gray
	3	gray
	4	gray
	5	gray
	6	gray
	7	gray
	8	gray
	9	gray
	10	gray
	11	gray
	12	gray
	13	gray
	14	gray
	15	gray
COMBI coupling, with securing pin, for self-assembly	1	gray
	1	blue
	1	green-yellow

Type	Order No.	Pcs./Pkt.
SC 2,5-RZ/ 2	① 3041516	50
SC 2,5-RZ/ 3	① 3041529	50
SC 2,5-RZ/ 4	① 3041532	50
SC 2,5-RZ/ 5	① 3041545	50
SC 2,5-RZ/ 6	① 3041558	25
SC 2,5-RZ/ 7	① 3041561	25
SC 2,5-RZ/ 8	① 3041574	25
SC 2,5-RZ/ 9	① 3041590	25
SC 2,5-RZ/10	① 3041587	25
SC 2,5-RZ/11	① 3041600	10
SC 2,5-RZ/12	① 3041613	10
SC 2,5-RZ/13	① 3041626	10
SC 2,5-RZ/14	① 3041639	10
SC 2,5-RZ/15	① 3041642	10

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, width: 2.2 mm	gray
Strain relief, for SPDB... plug and SC 2,5... receptacle, 2-pos.	black
4-pos.	black
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50



Technical data¹⁾

Width	Length	Height
-------	--------	--------

5.2 x No. of pos.	37.2	21.8
-------------------	------	------

Maximum electrical data

I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
----------------------	----------------------	---------------------------	----------

24 ²⁾	500	0.08 - 4	28-12
------------------	-----	----------	-------

IEC	UL / CUL	CSA	Ex
-----	----------	-----	----

500	300	-	-
-----	-----	---	---

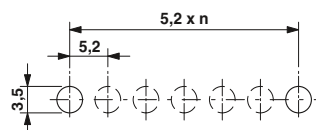
24 ²⁾ / 2.5	20 / -	- / -	- / -
------------------------	--------	-------	-------

Ordering data

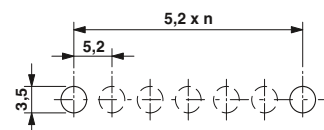
Type	Order No.	Pcs./Pkt.
SC 2,5-RZ/ 1-L	① 3042214	50
SC 2,5-RZ/ 1-L BU	① 3042227	50
SC 2,5-RZ/ 1-L GNYE	① 3042230	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 2,5	3042243	50
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50

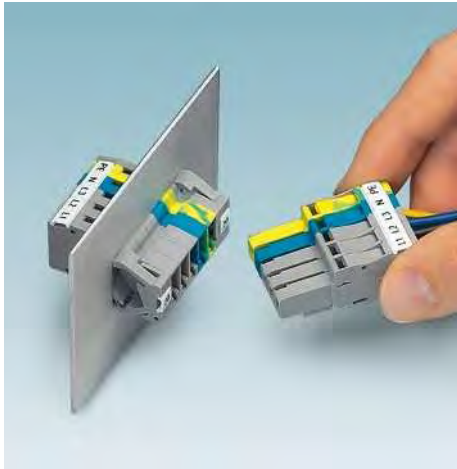


Drilling plan example: 1 x SC 2,5-RZ/ 6



Drilling plan example: 6 x SC 2,5-RZ/ 1-L

Panel feed-through for COMBI couplings



- The panel feed-through can be used to securely fasten free-hanging receptacles SC 2,5 and SC 4 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
- The receptacle is finally fixed in place by pressing shut the panel feed-through's actuation lever
- Can be used for plate thicknesses of 0.8 mm to 3 mm

Making the panel cutout

- The panel cutout is easy to produce. The height of the rectangular cutout is always the same, and the length depends on the number of positions of the receptacle. There is no longer any need for additional bore holes for fixing screws as in previously common solutions



Snap receptacle onto panel feed-through SSL 2,5

General data	
Plate thickness	[mm]
Section height	[mm]
Section width	[mm]
Insulating material	
Flammability rating in accordance with UL 94	
Description	
Color	
Panel feed-through, for snapping on to receptacles, 1 SSL 2.5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red
Screwdriver	
Lateral groove labeling	



Panel feed-through

ERIC

Technical data		
0.8 - 3		
16.6		
5.15 x number of positions + 13 (SC 2,5)		
6.15 x number of positions + 14 (SC 4)		
PA		
V0		
Ordering data		
Type	Order No.	Pcs./Pkt.
SSL 2,5	3043815	50
Accessories		
PC	3040588	50
SZF 1-0.6X3,5	1204517	10
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)		



Fit the receptacle and SSL 2.5 in panel cutout



Fixing the receptacle

Couplings

- The terminal blocks are snapped onto the free-hanging receptacles SC... as modules and can be used on the NS 15 as well as on the NS 35 DIN rail

Notes:
1) For additional accessories and technical data, see page 308.
2) For derating curve, visit phoenixcontact.net/products

①



24 A, coupling for DIN rail mounting



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Description	Color
COMBI coupling	gray
Cover, width: 2.2 mm	gray
Strain relief, for SPDB... plug and SC 2,5... receptacle, 2-pos.	black
4-pos.	black
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red

Technical data¹)			
Width	Length	Height	
5.2	43.5	34 (NS 35/7,5) / 34 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
24²)	500	0.08 - 4	28-12
IEC	UL / CUL	CSA	Ex
500	300	-	-
24²) / 2.5	20 / -	- / -	- / -

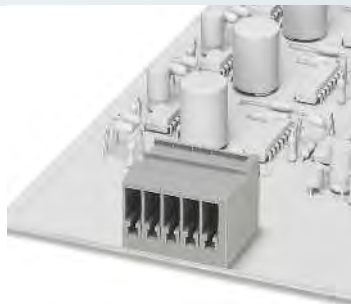
Ordering data		
Type	Order No.	Pcs./Pkt.
SC 2,5-NS/ 1-L	① 3042340	50

Accessories¹)		
D-SC 2,5	3042243	50
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50

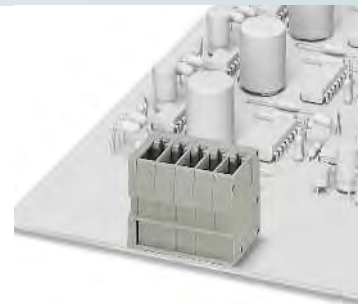
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction



Technical data			
Width	Length	Height	
10.4	21.7	18.1	
I _{max} [A]		max. Ø [mm ²]	AWG (UL)
24		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCB/ 2-G-5,2	1980378	50
ST 2,5-PCB/ 3-G-5,2	1980381	50
ST 2,5-PCB/ 4-G-5,2	1980394	50
ST 2,5-PCB/ 5-G-5,2	1980404	50
ST 2,5-PCB/ 6-G-5,2	1980417	50
ST 2,5-PCB/ 7-G-5,2	1980420	50
ST 2,5-PCB/ 8-G-5,2	1980433	50
ST 2,5-PCB/ 9-G-5,2	1980446	50
ST 2,5-PCB/10-G-5,2	1980459	50
ST 2,5-PCB/11-G-5,2	1980462	50
ST 2,5-PCB/12-G-5,2	1980475	50



Technical data			
Width	Length	Height	
12.5	18.05	21.7	
I _{max} [A]	max. Ø [mm ²]		AWG (UL)
24	-		-
IEC	UL	CSA	IEC/ EN 60079-7
-	300	-	-
Rated voltage	[V]		
Nominal current / cross section	[A] / [mm ²]		
Rated cross section	[mm ²]		
2.5	-	-	-
General data			
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5-PCBV/ 2-G-5,2	1980488	50
ST 2,5-PCBV/ 3-G-5,2	1980491	50
ST 2,5-PCBV/ 4-G-5,2	1980501	50
ST 2,5-PCBV/ 5-G-5,2	1980514	50
ST 2,5-PCBV/ 6-G-5,2	1980527	50
ST 2,5-PCBV/ 7-G-5,2	1980530	50
ST 2,5-PCBV/ 8-G-5,2	1980543	50
ST 2,5-PCBV/ 9-G-5,2	1980556	50
ST 2,5-PCBV/10-G-5,2	1980569	50
ST 2,5-PCBV/11-G-5,2	1980572	50
ST 2,5-PCBV/12-G-5,2	1980585	50

Description	No. of pos.	Width	Color
COMBI header	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
COMBI header	2	12.5 mm	gray
	3	17.7 mm	gray
	4	22.9 mm	gray
	5	28.1 mm	gray
	6	33.3 mm	gray
	7	38.5 mm	gray
	8	43.7 mm	gray
	9	48.9 mm	gray
	10	54.1 mm	gray
	11	59.3 mm	gray
	12	64.5 mm	gray

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

COMBI connectors

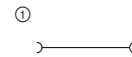
Notes:

1) For additional accessories and technical data, see page 308.

2) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction



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



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	15.8	39	24
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24	500	0.08 - 4	26-12
	IEC	UL / CUL	CSA	Ex
Rated data				
Rated voltage	500	600	600	-
Nominal current / cross section	24 / 2.5	20 / -	20 / -	- / -
	[V]			
	[A] / [mm²]			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	SP 2,5/ 1	① 3040258	50
	2	10.4 mm	gray	SP 2,5/ 2	① 3040261	50
	3	15.6 mm	gray	SP 2,5/ 3	① 3040274	50
	4	20.8 mm	gray	SP 2,5/ 4	① 3040287	50
	5	26 mm	gray	SP 2,5/ 5	① 3040290	50
	6	31.2 mm	gray	SP 2,5/ 6	① 3040300	25
	7	36.4 mm	gray	SP 2,5/ 7	① 3040313	25
	8	41.6 mm	gray	SP 2,5/ 8	① 3040326	25
	9	46.8 mm	gray	SP 2,5/ 9	① 3040339	25
	10	52 mm	gray	SP 2,5/10	① 3040342	25
	11	57.2 mm	gray	SP 2,5/11	① 3040355	10
	12	62.4 mm	gray	SP 2,5/12	① 3040368	10
	13	67.6 mm	gray	SP 2,5/13	① 3040371	10
	14	72.8 mm	gray	SP 2,5/14	① 3040384	10
	15	78 mm	gray	SP 2,5/15	① 3040397	10
COMBI connector, left element	1	5.2 mm	blue	SP 2,5/ 1 BU	① 3040698	50
	1	5.2 mm	green-yellow	SP 2,5/ 1 GNYE	① 3040708	50
COMBI connector, center element	1	5.2 mm	gray			
	1	5.2 mm	blue			
COMBI connector, right element	1	5.2 mm	gray			
	1	5.2 mm	blue			
COMBI connector, right element	1	5.2 mm	gray			
	1	5.2 mm	blue			

Accessories¹⁾

Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for plugs, 2-pos.	black	PZ/2	3040627	50
4-pos.	black	PZ/4	3040643	50

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	15.8	39	24
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24 ²⁾	500	0.08 - 4	26-12
	IEC	UL / CUL	CSA	Ex
Rated data				
Rated voltage	500	600	600	-
Nominal current / cross section	24 ²⁾ / 2.5	20 / -	20 / -	- / -
	[V]			
	[A] / [mm²]			

Ordering data

Type	Order No.	Pcs./Pkt.
SP 2,5/ 1-L	① 3043019	50
SP 2,5/ 1-L BU	① 3043022	50
SP 2,5/ 1-L GNYE	① 3043035	50
SP 2,5/ 1-M	① 3043043	50
SP 2,5/ 1-M BU	① 3043051	50
SP 2,5/ 1-M GNYE	① 3043064	50
SP 2,5/ 1-R	① 3043077	50
SP 2,5/ 1-R BU	① 3043080	50
SP 2,5/ 1-R GNYE	① 3043093	50

Accessories¹⁾

PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PZ/4	3040643	50

COMBI connectors

Notes:

¹⁾ For additional accessories and technical data, see page 308.

²⁾ For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction, cable housing can be snapped on



24 A, connector, connection in plug-in direction, for self-assembly, cable housing can be snapped on

Technical data¹⁾

Width	Length	Height	Height plugged
5.2 x No. of pos.	15.8	39	24
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.08 - 4	26-12
IEC	UL / CUL	CSA	Ex
500	300	300	-
Nominal current / cross section	[A] / [mm ²]	24 ²⁾ / 2.5	20 / -

Ordering data

Type	Order No.	Pcs./Pkt.
SP-H 2,5/ 1	3210619	50
SP-H 2,5/ 2	3210622	50
SP-H 2,5/ 3	3210635	50
SP-H 2,5/ 4	3210648	50
SP-H 2,5/ 5	3210651	50
SP-H 2,5/ 6	3210664	25
SP-H 2,5/ 7	3210677	25
SP-H 2,5/ 8	3210680	25
SP-H 2,5/ 9	3210693	25
SP-H 2,5/10	3210703	25
SP-H 2,5/11	3210716	10
SP-H 2,5/12	3210729	10
SP-H 2,5/13	3210732	10
SP-H 2,5/14	3210745	10
SP-H 2,5/15	3210758	10
SP-H 2,5/ 1 BU	3210761	50
SP-H 2,5/ 1 GNYE	3210774	50

Technical data¹⁾

Width	Length	Height	Height plugged
5.2 x No. of pos.	15.8	39	24
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
24 ²⁾	500	0.08 - 4	26-12
IEC	UL / CUL	CSA	Ex
500	300	300	-
Nominal current / cross section	[A] / [mm ²]	24 ²⁾ / 2.5	20 / -

Ordering data

Type	Order No.	Pcs./Pkt.
SP-H 2,5/ 1-L	3210787	50
SP-H 2,5/ 1-L BU	3210790	50
SP-H 2,5/ 1-L GNYE	3210800	50
SP-H 2,5/ 1-M	3210813	50
SP-H 2,5/ 1-M BU	3210826	50
SP-H 2,5/ 1-M GNYE	3210839	50
SP-H 2,5/ 1-R	3210842	50
SP-H 2,5/ 1-R BU	3210855	50
SP-H 2,5/ 1-R GNYE	3210868	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PZ/4	3040643	50
DF-SP-H 2,5	3209824	50
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PZ/4	3040643	50
DF-SP-H 2,5	3209824	50
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25

Description	No. of pos.	Width	Color
COMBI connectors	1	5.2 mm	gray
	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
	13	67.6 mm	gray
	14	72.8 mm	gray
	15	78 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow
COMBI connector, left element	1	5.2 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow
COMBI connector, center element	1	5.2 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow
COMBI connector, right element	1	5.2 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black
4-pos.	black
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray
Cable housing, for COMBI plugs SP-H ... and PP-H ..., 2-pos.	gray
3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

COMBI connectors

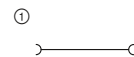
Notes:

1) For additional accessories and technical data, see page 308.

2) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection at a right angle to the plug-in direction



24 A, connector, connection at a right angle to the plug-in direction, for self-assembly



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	23.4	34	19
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24	500	0.08 - 4	26-12
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	-	-
Nominal current / cross section	24 / 2.5	20 / -	- / -	- / -
	[A] / [mm²]			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	SPV 2,5/ 1	① 3041710	50
	2	10.4 mm	gray	SPV 2,5/ 2	① 3041723	50
	3	15.6 mm	gray	SPV 2,5/ 3	① 3041736	50
	4	20.8 mm	gray	SPV 2,5/ 4	① 3041749	50
	5	26 mm	gray	SPV 2,5/ 5	① 3041752	50
	6	31.2 mm	gray	SPV 2,5/ 6	① 3041765	25
	7	36.4 mm	gray	SPV 2,5/ 7	① 3041778	25
	8	41.6 mm	gray	SPV 2,5/ 8	① 3041781	25
	9	46.8 mm	gray	SPV 2,5/ 9	① 3041794	25
	10	52 mm	gray	SPV 2,5/10	① 3041804	25
	11	57.2 mm	gray	SPV 2,5/11	① 3041817	10
	12	62.4 mm	gray	SPV 2,5/12	① 3041820	10
	13	67.6 mm	gray	SPV 2,5/13	① 3041833	10
	14	72.8 mm	gray	SPV 2,5/14	① 3041846	10
	15	78 mm	gray	SPV 2,5/15	① 3041859	10
COMBI connector, left element	1	5.2 mm	blue	SPV 2,5/ 1 BU	① 3061017	50
	1	5.2 mm	green-yellow	SPV 2,5/ 1 GNYE	① 3061020	50
COMBI connector, center element	1	5.2 mm	gray			
	1	5.2 mm	blue			
COMBI connector, right element	1	5.2 mm	green-yellow			
	1	5.2 mm	gray			

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
Snap-on, for SPV plugs, 2-pos.	orange	PRV/2	3041862	50
Strain relief, for plugs, 2-pos. 4-pos.	black	PZ/2	3040627	50
	black	PZ/4	3040643	50

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	23.4	34	19
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24 ²⁾	500	0.08 - 4	26-12
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	-	-
Nominal current / cross section	24 ²⁾ / 2.5	20 / -	- / -	- / -
	[A] / [mm²]			

Ordering data

Type	Order No.	Pcs./Pkt.
SPV 2,5/ 1-L	① 3041024	50
SPV 2,5/ 1-L BU	① 3041037	50
SPV 2,5/ 1-L GNYE	① 3041040	50
SPV 2,5/ 1-M	① 3041053	50
SPV 2,5/ 1-M BU	① 3041066	50
SPV 2,5/ 1-M GNYE	① 3041079	50
SPV 2,5/ 1-R	① 3041082	50
SPV 2,5/ 1-R BU	① 3041095	50
SPV 2,5/ 1-R GNYE	① 3041105	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRV/2	3041862	50
PZ/2	3040627	50
PZ/4	3040643	50

COMBI connectors

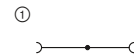
Notes:

¹⁾ For additional accessories and technical data, see page 308.

²⁾ For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction



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



				Technical data¹)				Technical data¹)				
Dimensions				Width	Length	Height	Height plugged	Width	Length	Height	Height plugged	
[mm]				5.2 x No. of pos.	20	39	24	5.2 x No. of pos.	20	39	24	
Maximum electrical data				I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)	
				24	500	0.08 - 4	26-12	24²)	500	0.08 - 4	26-12	
Maximum bridge current [A]				24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)				
Rated data				IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex	
Rated voltage [V]				500	600	600	-	500	600	600	-	
Nominal current / cross section [A] / [mm²]				24 / 2.5	20 / -	20 / -	- / -	24²) / 2.5	20 / -	20 / -	- / -	
Ordering data								Ordering data				
Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.	
COMBI connectors	1	5.2 mm	gray	SPB 2,5/ 1	①	3040106	50					
	2	10.4 mm	gray	SPB 2,5/ 2	①	3040119	50					
	3	15.6 mm	gray	SPB 2,5/ 3	①	3040122	50					
	4	20.8 mm	gray	SPB 2,5/ 4	①	3040135	50					
	5	26 mm	gray	SPB 2,5/ 5	①	3040143	50					
	6	31.2 mm	gray	SPB 2,5/ 6	①	3040151	25					
	7	36.4 mm	gray	SPB 2,5/ 7	①	3040164	25					
	8	41.6 mm	gray	SPB 2,5/ 8	①	3040177	25					
	9	46.8 mm	gray	SPB 2,5/ 9	①	3040180	25					
	10	52 mm	gray	SPB 2,5/10	①	3040193	25					
	11	57.2 mm	gray	SPB 2,5/11	①	3040203	10					
	12	62.4 mm	gray	SPB 2,5/12	①	3040216	10					
	13	67.6 mm	gray	SPB 2,5/13	①	3040229	10					
	14	72.8 mm	gray	SPB 2,5/14	①	3040232	10					
	15	78 mm	gray	SPB 2,5/15	①	3040245	10					
COMBI connector, left element	1	5.2 mm	blue	SPB 2,5/ 1 BU	①	3040724	50	SPB 2,5/ 1-L	①	3043103	50	
	1	5.2 mm	green-yellow	SPB 2,5/ 1 GNYE	①	3040711	50		SPB 2,5/ 1-L BU	①	3043116	50
	1	5.2 mm	green-yellow				SPB 2,5/ 1-L GNYE			①	3043129	50
COMBI connector, center element	1	5.2 mm	gray					SPB 2,5/ 1-M		①	3043132	50
	1	5.2 mm	blue						SPB 2,5/ 1-M BU	①	3043145	50
	1	5.2 mm	green-yellow				SPB 2,5/ 1-M GNYE			①	3043158	50
COMBI connector, right element	1	5.2 mm	gray					SPB 2,5/ 1-R		①	3043161	50
	1	5.2 mm	blue						SPB 2,5/ 1-R BU	①	3043174	50
	1	5.2 mm	green-yellow				SPB 2,5/ 1-R GNYE			①	3043187	50
Accessories¹)								Accessories¹)				
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	
Strain relief, for plugs, 2-pos.				orange	PR/2	3040630	50	PR/2		3040630	50	
4-pos.				black	PZ/2	3040627	50	PZ/2		3040627	50	
				black	PZ/4	3040643	50	PZ/4		3040643	50	

Terminal blocks – CLIPLINE complete

2.5 mm² COMBI ST plug-in connection solutions

COMBI connectors

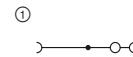
Notes:

1) For additional accessories and technical data, see page 308.

2) For derating curve, visit phoenixcontact.net/products



24 A, connector, two connections in plug-in direction



24 A, connector, two connections in plug-in direction, for self-assembly



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	32.7	39	24
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24	500	0.08 - 4	26-12
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]			
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	- / -

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	5.2 x No. of pos.	32.7	39	24
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
	24 ²⁾	500	0.08 - 4	26-12
	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Maximum bridge current	[A]			
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm²]	24 ²⁾ / 2.5	20 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	SPDB 2,5/ 1	① 3040407	50
	2	10.4 mm	gray	SPDB 2,5/ 2	① 3040410	50
	3	15.6 mm	gray	SPDB 2,5/ 3	① 3040423	50
	4	20.8 mm	gray	SPDB 2,5/ 4	① 3040436	50
	5	26 mm	gray	SPDB 2,5/ 5	① 3040449	50
	6	31.2 mm	gray	SPDB 2,5/ 6	① 3040452	25
	7	36.4 mm	gray	SPDB 2,5/ 7	① 3040465	25
	8	41.6 mm	gray	SPDB 2,5/ 8	① 3040478	25
	9	46.8 mm	gray	SPDB 2,5/ 9	① 3040481	25
	10	52 mm	gray	SPDB 2,5/10	① 3040494	25
	11	57.2 mm	gray	SPDB 2,5/11	① 3040504	10
	12	62.4 mm	gray	SPDB 2,5/12	① 3040517	10
	13	67.6 mm	gray	SPDB 2,5/13	① 3040520	10
	14	72.8 mm	gray	SPDB 2,5/14	① 3040533	10
	15	78 mm	gray	SPDB 2,5/15	① 3040546	10
COMBI connector, left element	1	5.2 mm	blue	SPDB 2,5/ 1 BU	① 3040737	50
	1	5.2 mm	green-yellow	SPDB 2,5/ 1 GNYE	① 3040740	50
COMBI connector, center element	1	5.2 mm	gray			
	1	5.2 mm	blue			
COMBI connector, right element	1	5.2 mm	green-yellow			
	1	5.2 mm	gray			

Accessories¹⁾

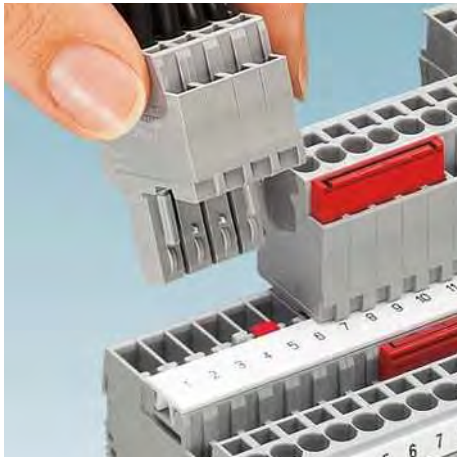
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for SPDB... plug and SC 2,5... receptacle, 2-pos.	black	PDZ/2	3040562	50
4-pos.	black	PDZ/4	3040575	50

Ordering data

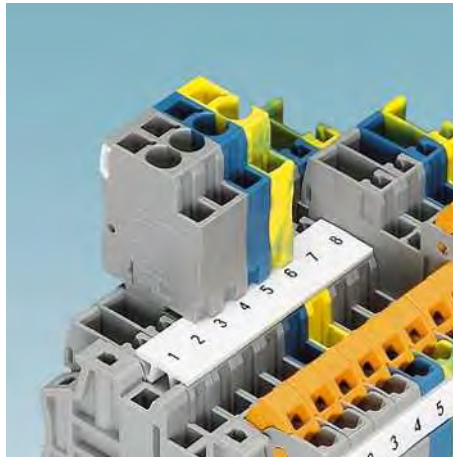
Type	Order No.	Pcs./Pkt.
SPDB 2,5/ 1-L	① 3043190	50
SPDB 2,5/ 1-L BU	① 3043200	50
SPDB 2,5/ 1-L GNYE	① 3043213	50
SPDB 2,5/ 1-M	① 3043226	50
SPDB 2,5/ 1-M BU	① 3043239	50
SPDB 2,5/ 1-M GNYE	① 3043242	50
SPDB 2,5/ 1-R	① 3043255	50
SPDB 2,5/ 1-R BU	① 3043268	50
SPDB 2,5/ 1-R GNYE	① 3043271	50

Accessories¹⁾

PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PDZ/2	3040562	50
PDZ/4	3040575	50

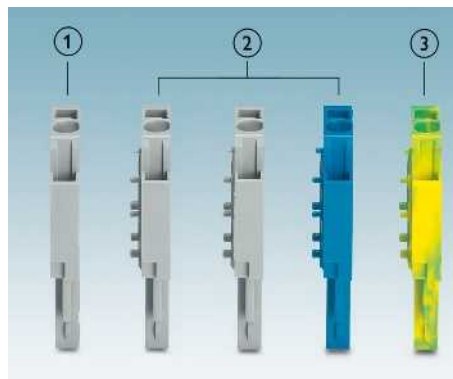
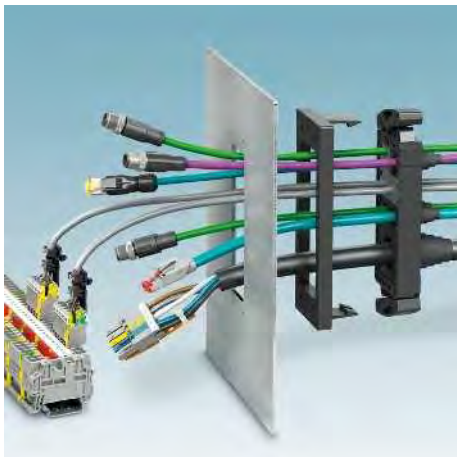
COMBI connectors with spring-cage connection

- Connector with scope for bridging, for use with basic terminal blocks
- The SPB 2,5/... connector is designed for connecting one conductor and also provides an additional bridging facility
- The SPDB 2,5/... connector is designed for connecting two conductors and also provides an additional bridging facility
- The CES cable entry system (see Catalog 2) enables the easy and space-saving installation of pre-assembled cables with IP54/IP65 protection in the control cabinet, see figure below

COMBI connectors with spring-cage connection for self-assembly

- The ST-COMBI connectors for self-assembly provide solutions that users can implement themselves
- Cable housings can be snapped onto the SP-H ... connectors
- The plug with spring-cage connection is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① SP 2,5/1-L
- ② SP 2,5/1-M and SP 2,5/1-M BU
- ③ SP 2,5/1-R GNYE



Terminal blocks – CLIPLINE complete

4 mm² COMBI PT plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm ²]	4
Cross section range	AWG	24 - 10
Connection capacity		
		Rigid Flexible Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.2 - 6 0.2 - 4 0.25 - 4 0.25 - 4
2 flexible conductors with a TWIN ferrule	[mm ²]	- - - 0.5 - 1
Connection cross sections directly plug-in	[mm ²]	0.5 - 6 - 0.5 - 4 0.5 - 4
General data		
Stripping length	[mm]	10 - 12
Insulating material		PA
Flammability rating in accordance with UL 94		V0

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

Notes:



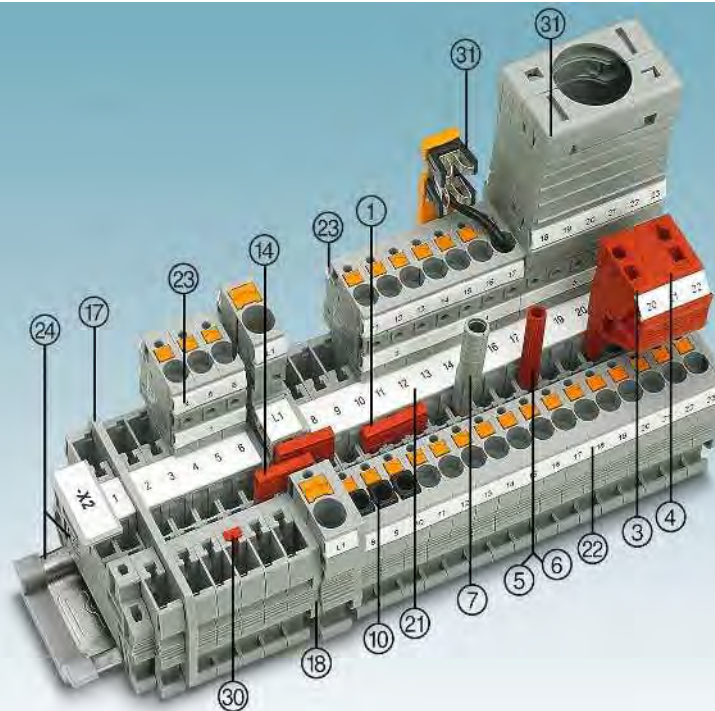
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



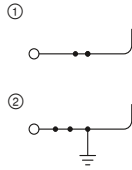
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	10			
⑦ Test plug metal part		gray	MPS-MT	0201744	10			
⑧ 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			
⑩ Insulating sleeve		gray	ISH 4/0,5	3002885	50			
0.75 - 1 mm ²		black	ISH 4/1,0	3002898	50			
⑨ Coding profile		red	PC	3040588	50			
Screwdriver			SF-SL 0,6X3,5-100 S-VDE	1212587	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.					
⑲ Center groove labeling			UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.					
⑲ Center and side groove labeling			UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.					
⑲ Lateral groove labeling			UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.					
⑲ DIN rail and end bracket			See Catalog 3					
⑲ Latching, strain relief, shielding			See from page 362.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

Feed-through and multi-conductor terminal blocks

Notes:

1) For additional accessories and technical data, see page 324.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block

Technical data¹⁾

Width	Length	Height
6.2	56	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.2 - 6 24-10
32 (FBS) / 22 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	- -
32 ²⁾ / 4	28 / -	- / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 4/1P	① 3211937	50
PT 4/1P BU	① 3212007	50
PT 4/1P-PE	② 3211942	50

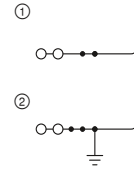
Accessories¹⁾

D-ST 4	3030420	50
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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
----------------------	------



32 A, feed-through terminal block, 3 connections

Technical data¹⁾

Width	Length	Height
6.2	66.4	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.2 - 6 24-10
32 (FBS) / 22 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	- -
32 / 4	28 / -	- / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 4-TWIN/1P	① 3212200	50
PT 4-TWIN/1P BU	① 3212201	50
PT 4-TWIN/1P-PE	② 3212202	50

Accessories¹⁾

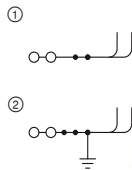
D-PT 4-TWIN/1P	3212203	50
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Feed-through and multi-conductor terminal blocks

Notes:

1) For additional accessories and technical data, see page 324.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block, 4 connections

Technical data¹⁾

Width	Length	Height
6.2	92.1	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.2 - 6 24-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	- -
32 ²⁾ / 4	28 / -	28 / - - / -
Cross section range	AWG	24 - 10
Connection capacity	Rigid Flexible	Ferrule without/with plastic sleeve
1 conductor	0.2 - 6 0.2 - 4	0.25 - 4 0.25 - 4

Ordering data

Type	Order No.	Pcs./Pkt.
PT 4-QUATTRO/2P	① 3211991	50
PT 4-QUATTRO/2P BU	① 3212000	50
PT 4-QUATTRO/2P-PE	② 3211999	50

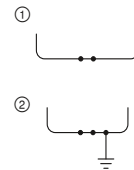
Accessories¹⁾

D-PT 4-QUATTRO/2P	3209277	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
----------------------	------



32 A, feed-through terminal block

Technical data¹⁾

Width	Length	Height
6.2	55.9	36.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.08 - 6 -
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	-	- -
32 ²⁾ / 4	- / -	- / - - / -
28 - 10	-	- -
Connection capacity	Rigid Flexible	Ferrule without/with plastic sleeve
0.08 - 6	0.08 - 4	0.14 - 4 0.14 - 4

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4/ 2P	① 3042735	50
ST 4/ 2P BU	① 3043789	50
ST 4/ 2P-PE	② 3042748	50

Accessories¹⁾

D-ST 4	3030420	50
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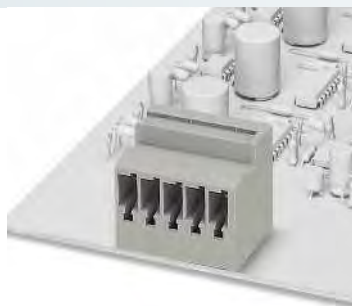
Terminal blocks – CLIPLINE complete

4 mm² COMBI PT plug-in connection solutions

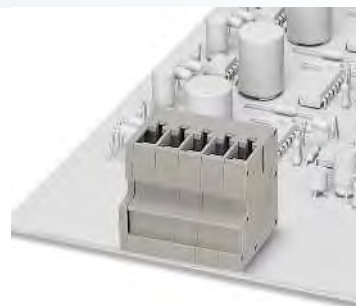
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction



Technical data

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
General data	
Insulating material	
Flammability rating in accordance with UL 94	

Width	Length	Height
14.45	25.1	29.45
I _{max.} [A]	max. Ø [mm ²]	AWG (UL)
32	-	-
IEC	UL	CSA
-	600	-
32 / 4	20 / -	-
4	-	-
PA		
V0		



Technical data

Width	Length	Height
12.4	26	25.1
I _{max.} [A]	max. Ø [mm ²]	AWG (UL)
32	-	-
IEC	UL	CSA
-	600	-
32 / 4	20 / -	-
4	-	-
PA		
V0		

Ordering data

Description	No. of pos.	Width	Color
COMBI header			
	2	14.45 mm	gray
	3	20.65 mm	gray
	4	26.85 mm	gray
	5	33.05 mm	gray
	6	39.25 mm	gray
	7	45.45 mm	gray
	8	51.65 mm	gray
	9	57.85 mm	gray
	10	64.05 mm	gray
	11	70.25 mm	gray
	12	76.45 mm	gray
COMBI header			
	2	12.4 mm	gray
	3	18.6 mm	gray
	4	24.8 mm	gray
	5	31 mm	gray
	6	37.2 mm	gray
	7	43.4 mm	gray
	8	49.6 mm	gray
	9	55.8 mm	gray
	10	62 mm	gray
	11	68.2 mm	gray
	12	74.4 mm	gray

Type	Order No.	Pcs./Pkt.
ST 4-PCB/ 2-G-6,2	1980598	50
ST 4-PCB/ 3-G-6,2	1980608	50
ST 4-PCB/ 4-G-6,2	1980611	50
ST 4-PCB/ 5-G-6,2	1980624	50
ST 4-PCB/ 6-G-6,2	1980637	50
ST 4-PCB/ 7-G-6,2	1980640	50
ST 4-PCB/ 8-G-6,2	1980653	50
ST 4-PCB/ 9-G-6,2	1980666	50
ST 4-PCB/10-G-6,2	1980679	50
ST 4-PCB/11-G-6,2	1980682	50
ST 4-PCB/12-G-6,2	1980695	50

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4-PCBV/ 2-G-6,2	1980705	50
ST 4-PCBV/ 3-G-6,2	1980718	50
ST 4-PCBV/ 4-G-6,2	1980721	50
ST 4-PCBV/ 5-G-6,2	1980734	50
ST 4-PCBV/ 6-G-6,2	1980747	50
ST 4-PCBV/ 7-G-6,2	1980750	50
ST 4-PCBV/ 8-G-6,2	1980763	50
ST 4-PCBV/ 9-G-6,2	1980776	50
ST 4-PCBV/10-G-6,2	1980789	50
ST 4-PCBV/11-G-6,2	1980792	50
ST 4-PCBV/12-G-6,2	1980802	50

COMBI connectors

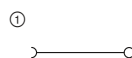
Notes:

¹⁾ For additional accessories and technical data, see page 324.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, connector, connection in plug-in direction



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

Technical data¹⁾

Width	Length	Height	Height plugged
6.2 x No. of pos.	21	42.3	24
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	800	0.2 - 6	24-10
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 ²⁾ / 4	28 / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
PP-H 4/ 1	3212010	50
PP-H 4/ 2	3212016	50
PP-H 4/ 3	3212022	50
PP-H 4/ 4	3212029	50
PP-H 4/ 5	3212035	50
PP-H 4/ 6	3212041	25
PP-H 4/ 7	3212048	25
PP-H 4/ 8	3212054	25
PP-H 4/ 9	3212061	25
PP-H 4/10	3212067	25
PP-H 4/11	3212074	10
PP-H 4/12	3212080	10
PP-H 4/13	3212087	10
PP-H 4/14	3212093	10
PP-H 4/15	3212100	10
PP-H 4/ 1 BU	3212077	50
PP-H 4/ 1 GNYE	3212088	50

Technical data¹⁾

Width	Length	Height	Height plugged
6.2 x No. of pos.	21	42.3	24
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	800	0.2 - 6	24-10
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 ²⁾ / 4	28 / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
PP-H 4/ 1-L	3211948	50
PP-H 4/ 1-L BU	3211951	50
PP-H 4/ 1-L GNYE	3211958	50
PP-H 4/ 1-M	3211965	50
PP-H 4/ 1-M BU	3211964	50
PP-H 4/ 1-M GNYE	3211971	50
PP-H 4/ 1-R	3211977	50
PP-H 4/ 1-R BU	3211980	50
PP-H 4/ 1-R GNYE	3211987	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PH 4/2	3000734	50
PH 4/3	3000736	50
PH 4/4	3000737	50
PH 4/5	3000738	50
PH 4/6	3000739	25
PH 4/7	3000740	25
PH 4/8	3000741	25
PH 4/9	3000742	25
PH 4/10	3000743	25

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PH 4/2	3000734	50
PH 4/3	3000736	50
PH 4/4	3000737	50
PH 4/5	3000738	50
PH 4/6	3000739	25
PH 4/7	3000740	25
PH 4/8	3000741	25
PH 4/9	3000742	25
PH 4/10	3000743	25

Description	No. of pos.	Width	Color
COMBI connectors	1	6.2 mm	gray
	2	12.4 mm	gray
	3	18.6 mm	gray
	4	24.8 mm	gray
	5	31 mm	gray
	6	37.2 mm	gray
	7	43.4 mm	gray
	8	49.6 mm	gray
	9	55.8 mm	gray
	10	62 mm	gray
	11	68.2 mm	gray
	12	74.4 mm	gray
	13	80.6 mm	gray
	14	86.8 mm	gray
	15	93 mm	gray
	1	6.2 mm	blue
	1	6.2 mm	green-yellow
COMBI connector, left element	1	6.2 mm	gray
	1	6.2 mm	blue
	1	6.2 mm	green-yellow
COMBI connector, center element	1	6.2 mm	gray
	1	6.2 mm	blue
	1	6.2 mm	green-yellow
COMBI connector, right element	1	6.2 mm	gray
	1	6.2 mm	blue
	1	6.2 mm	green-yellow

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Latching, for connectors, 1-pos.	orange
2-pos.	orange
Strain relief, for plugs, 2-pos.	black
Cable housing, for PP-H 4... COMBI plugs	gray
2-pos.	
3-pos.	gray
4-pos.	gray
5-pos.	gray
6-pos.	gray
7-pos.	gray
8-pos.	gray
9-pos.	gray
10-pos.	gray

Terminal blocks – CLIPLINE complete

4 mm² COMBI UT plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm ²]	4
Cross section range	AWG	26 - 10
Connection capacity		Rigid Flexible Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.14 - 6 0.14 - 6 0.14 - 4 0.14 - 4
2 conductors (of the same type)	[mm ²]	0.14 - 1.5 0.14 - 1.5 0.14 - 1.5 -
2 flexible conductors with a TWIN ferrule	[mm ²]	- - - 0.5 - 2.5
General data		
Stripping length	[mm]	9
Insulating material		PA
Flammability rating in accordance with UL 94		VO

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

Notes:



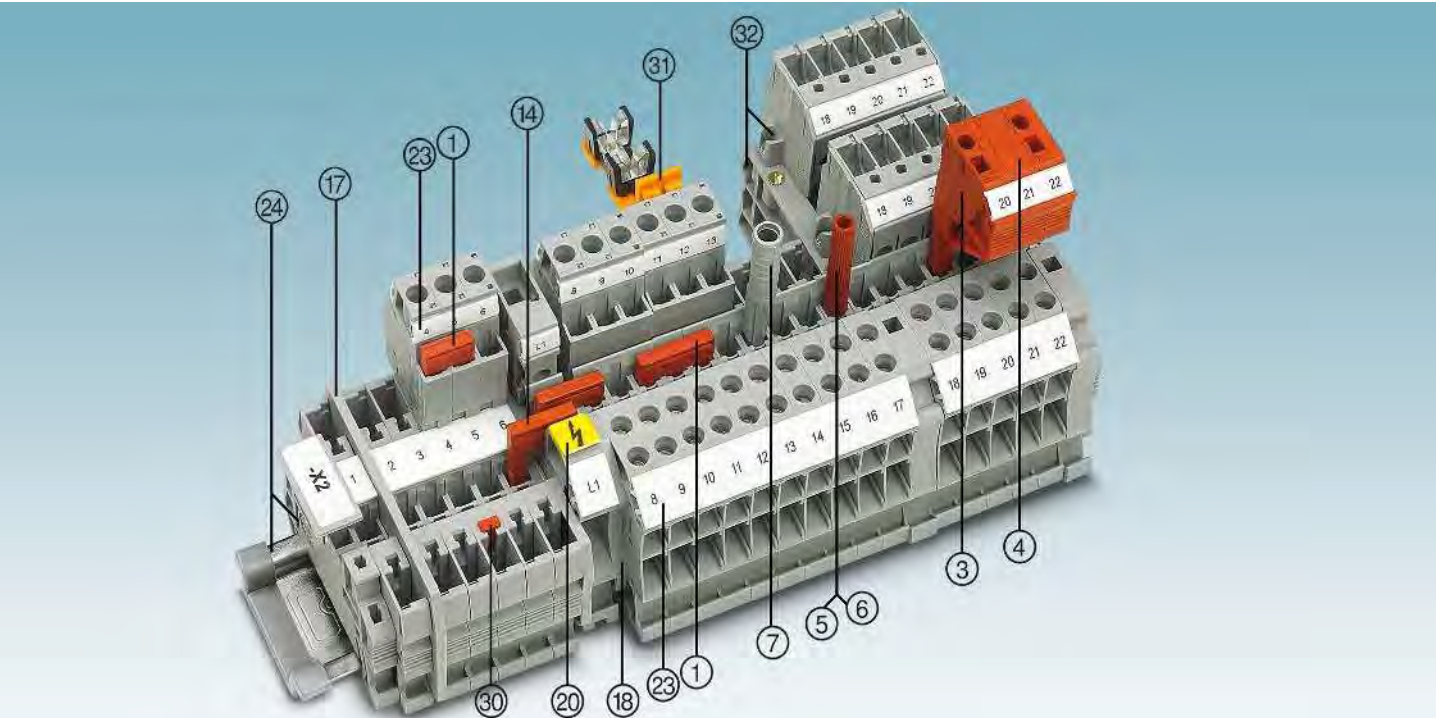
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 Bridge¹)	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	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			
⑧ Coding profile		red	PC	3040588	50			
Screwdriver			SF-SL 0,6X3,5-100 S-VDE	1212587	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.					
⑲ Warning labels			For WS ..., see page 420.					
⑳ Lateral groove labeling			Terminal block: UC-TM 6, UCT-TM 6 or ZB 6 Connector: UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.					
㉑ DIN rail and end bracket			See Catalog 3					
㉒ Latching, strain relief, shielding			See from page 362.					
㉓ Screw flanges, screw flange cover			See from page 372.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

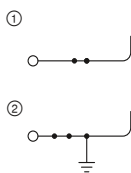
Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 328.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.



32 A, feed-through terminal block

Technical data¹⁾

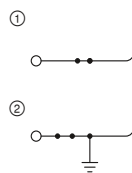
Width	Length	Height
6.2	47.6	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.14 - 6 26-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 -
32 ²⁾ / 4	30 / -	30 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4/ 1P	① 3045583	50
UT 4/ 1P BU	① 3045596	50
UT 4/ 1P-PE	② 3045606	50

Accessories¹⁾

D-UT 2,5/1P	3047154	50
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32 A, feed-through terminal block, horizontal plug-in connection

Technical data¹⁾

Width	Length	Height
6.2	49.8	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	800	0.14 - 6 26-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 -
32 ²⁾ / 4	30 / -	30 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4/ 1P-H	① 3001369	50
UT 4/ 1P-H-PE	② 3001372	50

Accessories¹⁾

D-UT 4/1P-H	3001382	50
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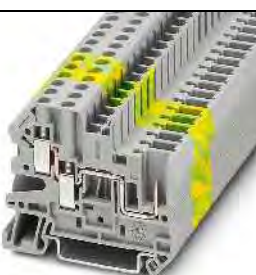
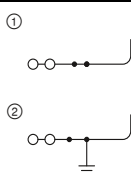
Feed-through, multi-conductor, multi-level, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 328.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.



32 A, feed-through terminal block, 3 connections

Technical data¹⁾

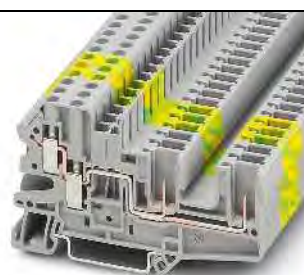
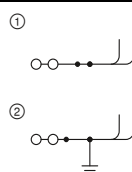
Width	Length	Height
6.2	55.7	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32 ²⁾	500	0.14 - 6 26-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	300 -
32 ²⁾ / 4	30 / -	30 / - - / -
Rigid	Flexible	Ferrule without/with plastic sleeve
-	-	- 0.5 - 1

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-TWIN/ 1P	① 3060267	50
UT 4-TWIN/ 1P BU	① 3060270	50
UT 4-TWIN/ 1P-PE	② 3060283	50

Accessories¹⁾

D-UT 4-TWIN/ 1P	3045237	50
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32 A, feed-through terminal block, 4 connections

Technical data¹⁾

Width	Length	Height
6.2	82.4	47.5 (NS 35/7,5)
I _{max} [A]	U _{max} [V]	max. Ø [mm ²] AWG (UL)
32	500	0.14 - 6 26-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
500	600	300 -
32 ²⁾ / 4	30 / -	30 / - - / -
Rigid	Flexible	Ferrule without/with plastic sleeve
-	-	- 0.5 - 1

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-QUATTRO/ 2P	① 3060296	50
UT 4-QUATTRO/ 2P BU	① 3060306	50
UT 4-QUATTRO/ 2P-PE	② 3060319	50

Accessories¹⁾

D-UT 4-QUATTRO/ 2P	3045648	50
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Terminal blocks – CLIPLINE complete

4 mm² COMBI UT plug-in connection solutions

COMBI plug-in male/male double-level and ground terminal blocks

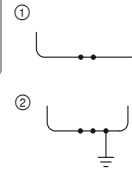


- For the male/male versions of the COMBI series, plugs can be used on both sides of the terminal blocks
- This makes the COMBI system even more flexible as the terminal blocks are used as the connection element for modules
- Connection with the standard COMBI connectors
- The extensive range of accessories, such as latching, strain relief, encoding and shield connection can be used
- Ground terminal blocks with the same shape and pitch
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of IEC 60947-7-2 standard are met

PROJECT complete planning enables the quick and convenient planning and configuration of error-free terminal strips.

Notes:

- 1) For additional accessories and technical data, see page 328.
- 2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block



Technical data¹⁾

Dimensions		Width	Length	Height
		6.2	55.9	36.5 (NS 35/7,5)
Maximum electrical data		I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
		32 ²⁾	800	0.08 - 6 -
Maximum bridge current		32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA
Rated voltage		800	-	-
Nominal current / cross section		32 ²⁾ / 4	- / -	- / -
Cross section range		28 - 10	-	-
Connection capacity		Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor		0.08 - 6	0.08 - 4	0.14 - 4 0.14 - 4
2 flexible conductors with a TWIN ferrule		-	-	- 0.5 - 1

Description	Color
Terminal block	gray blue
Ground terminal	green-yellow

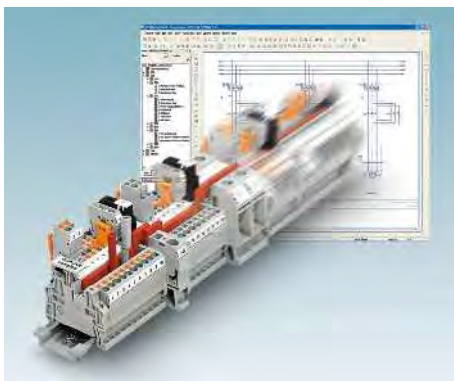
Cover, width: 2.2 mm	gray
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Ordering data

Type	Order No.	Pcs./Pkt.
ST 4/ 2P	① 3042735	50
ST 4/ 2P BU	① 3043789	50
ST 4/ 2P-PE	② 3042748	50

Accessories¹⁾

D-ST 4	3030420	50
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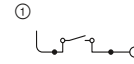


Test disconnect terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 328.

²⁾ For derating curve, visit phoenixcontact.net/products



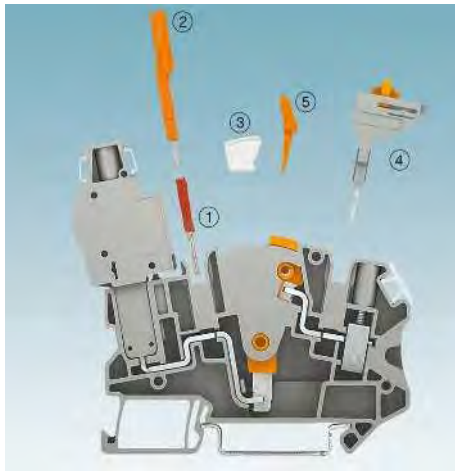
28 A, test disconnect terminal block



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	gray
Cover, width: 2.2 mm	gray

Technical data¹)			
Width	Length	Height	
6.2	71.1	49.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
28²)	500	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
28²) / 4	25 / -	25 / -	- / -
Ordering data			
Type		Order No.	Pcs./Pkt.
UTME 4/1P	①	3057416	50
Accessories¹)			
D-UTME 4/1P		3057429	10

Supplementary accessories for UTME 4/1P test disconnect terminal blocks



- Only two UTME 4/1P test disconnect terminal blocks are required for a current transformer measuring circuit
- 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 4 switching lock
- ④ SB-ME... bridge bar
- ⑤ C-ME 4/2 operating lever

			Ordering data		
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange	PAI-4-FIX-5/6 OG	3035974	10
	1	yellow	PAI-4-FIX-5/6 YE	3035977	10
	1	green	PAI-4-FIX-5/6 GN	3035978	10
	1	violet	PAI-4-FIX-5/6 VT	3035979	10
	1	black	PAI-4-FIX-5/6 BK	3035980	10
	1	blue	PAI-4-FIX-5/6 BU	3035975	10
	1	red	PAI-4-FIX-5/6 RD	3035976	10
	1	gray	PAI-4-FIX-5/6 GY	3035982	10
	1	brown	PAI-4-FIX-5/6 BN	3035981	10
Switching lock, plug-in		white	S-ME 4	3035758	10
Switching bridge, plug-in	2	gray/orange	SB-ME 2-6	3035755	10
	3	gray/orange	SB-ME 3-6	3035756	10
	4	gray/orange	SB-ME 4-6	3035757	10
Operating lever, for actuating 2 test disconnect terminal blocks	2	orange	C-ME 4/2	3035759	10
	3	orange	C-ME 4/3	3035760	10

Terminal blocks – CLIPLINE complete

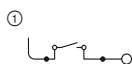
4 mm² COMBI UT plug-in connection solutions

Test disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 328.

2) For derating curve, visit phoenixcontact.net/products



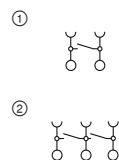
28 A, current transformer disconnect terminal block



Technical data ¹⁾			
Width	Length	Height	
6.2	86.5	49.5 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
28	500	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
28 ²⁾ / 4	25 / -	25 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 6	0.14 - 4	0.14 - 4	0.14 - 4
-	-	-	0.5 - 2.5

Ordering data		
Type	Order No.	Pcs./Pkt.
UTME 4-CT/1P	3057432	50

Accessories ¹⁾		
D-UTME 4-CT/1P	3057445	10



20 A, connector, with integrated short-circuit function



Technical data¹)			
Width	Length	Height	
12.4	38.5	48.5	
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
20	320	0.14 - 6	26-10
-			
IEC	UL / CUL	CSA	Ex
320	300	300	-
20 / 4	25 / -	25 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
-	-	-	0.5 - 1

Ordering data		
Type	Order No.	Pcs./Pkt.
UPCT 4/2	3057461	10
UPCT 4/3	3057458	10

Accessories ¹⁾		
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Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Connection capacity	
1 conductor	[mm²]
2 flexible conductors with a TWIN ferrule	[mm²]

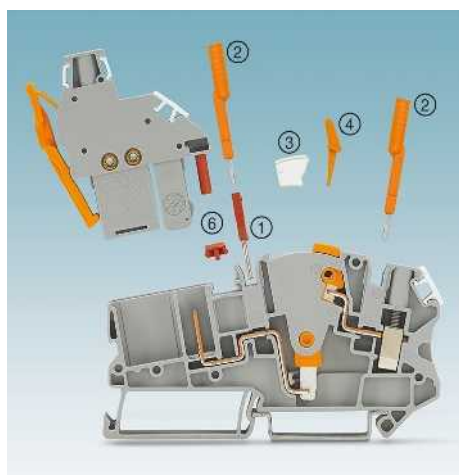
Description	Color
Terminal block	gray
Connector, with integrated short-circuit function, 2-pos.	gray
3-pos.	gray

Cover, width: 2.2 mm	gray
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Supplementary accessories for UTME 4-CT/1P test disconnect terminal blocks

Notes:

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



- Only two UTME 4-CT/1P test disconnect terminal blocks are required for a current transformer measuring circuit
- 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 4 switching lock
- ④ SB-ME... bridge bar
- ⑤ C-ME 4/2 operating lever
- ⑥ PC-CT 6... coding set

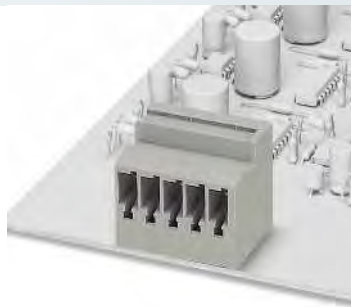
Description	No. of pos.	Color
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
Switching lock, plug-in		white
Switching bridge, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever, for actuating 2 test disconnect terminal blocks	2	orange
	3	orange
Coding set, for 2-pos. plugs¹⁾		red

Ordering data		
Type	Order No.	Pcs./Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
S-ME 4	3035758	10
SB-ME 2-6	3035755	10
SB-ME 3-6	3035756	10
SB-ME 4-6	3035757	10
C-ME 4/2	3035759	10
C-ME 4/3	3035760	10
PC-CT 6/2	3212308	1

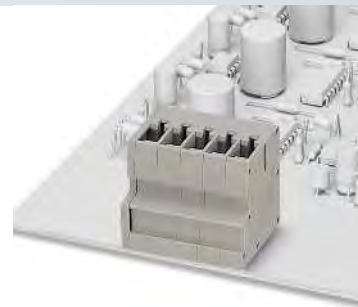
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction



Technical data			
Width	Length	Height	
14.45	25.1	29.45	
I _{max.} [A]		max. Ø [mm ²]	AWG (UL)
32		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	600	-	-
32 / 4	20 / -	-	-
4	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-PCB/ 2-G-6,2	1980598	50
ST 4-PCB/ 3-G-6,2	1980608	50
ST 4-PCB/ 4-G-6,2	1980611	50
ST 4-PCB/ 5-G-6,2	1980624	50
ST 4-PCB/ 6-G-6,2	1980637	50
ST 4-PCB/ 7-G-6,2	1980640	50
ST 4-PCB/ 8-G-6,2	1980653	50
ST 4-PCB/ 9-G-6,2	1980666	50
ST 4-PCB/10-G-6,2	1980679	50
ST 4-PCB/11-G-6,2	1980682	50
ST 4-PCB/12-G-6,2	1980695	50



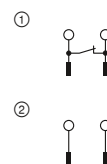
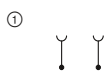
Technical data			
Width	Length	Height	
12.4	26	25.1	
I _{max.} [A]		max. Ø [mm²]	AWG (UL)
32		-	-
IEC	UL	CSA	IEC/ EN 60079-7
-	600	-	-
32 / 4	20 / -	-	-
4	-	-	-
PA			
V0			

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-PCBV/ 2-G-6,2	1980705	50
ST 4-PCBV/ 3-G-6,2	1980718	50
ST 4-PCBV/ 4-G-6,2	1980721	50
ST 4-PCBV/ 5-G-6,2	1980734	50
ST 4-PCBV/ 6-G-6,2	1980747	50
ST 4-PCBV/ 7-G-6,2	1980750	50
ST 4-PCBV/ 8-G-6,2	1980763	50
ST 4-PCBV/ 9-G-6,2	1980776	50
ST 4-PCBV/10-G-6,2	1980789	50
ST 4-PCBV/11-G-6,2	1980792	50
ST 4-PCBV/12-G-6,2	1980802	50

Description	No. of pos.	Width	Color
COMBI header	2	14.45 mm	gray
	3	20.65 mm	gray
	4	26.85 mm	gray
	5	33.05 mm	gray
	6	39.25 mm	gray
	7	45.45 mm	gray
	8	51.65 mm	gray
	9	57.85 mm	gray
	10	64.05 mm	gray
	11	70.25 mm	gray
	12	76.45 mm	gray
COMBI header	2	12.4 mm	gray
	3	18.6 mm	gray
	4	24.8 mm	gray
	5	31 mm	gray
	6	37.2 mm	gray
	7	43.4 mm	gray
	8	49.6 mm	gray
	9	55.8 mm	gray
	10	62 mm	gray
	11	68.2 mm	gray
	12	74.4 mm	gray

Connectors

- Direct connection of current transformers and voltage transducers, e.g., to a protective relay for medium-voltage switchgear
- UP 4...CT and BP 4...CT plugs contain a short-circuit element. When removing the plug from the device, a leading short circuit of the connected current transformer is carried out



Notes:

¹⁾ For additional accessories and technical data, see page 328.

PT 4-WE feed-through terminal blocks, see page 653.

ERC

Technical data¹⁾

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]
2 conductors (of the same type)	[mm ²]
General data	
Stripping length	[mm]

Width	Length	Height		
65.7	29.1	34.3		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)	
15	320	0.5 - 2.5	-	
IEC	UL / CUL	CSA	Ex	
320	-	-	-	
15	- / -	- / -	- / -	
2.5	-	-	-	
20 - 14	-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.5 - 2.5	0.5 - 2.5	-	-	
-	-	-	-	
-	-	-	-	

Ordering data

Description	No. of pos.	Color
PCB connector, with screw flange covers	8	gray
	10	gray
Short-circuit plug, for four current transformers	8	gray
Plug, for four voltage transducers	8	gray
Short-circuit plug, for four current transformers, bolt connection	10	gray
Plug, for four voltage transducers, bolt connection	10	gray

Type	Order No.	Pcs./Pkt.
FC 4-PCB/8	① 3208694	10
FC 4-PCB/10	① 3208736	10

ERC

Technical data¹⁾

Width	Length	Height		
74.4	45.4	34.3		
I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)	
15	320	0.14 - 6	-	
IEC	UL / CUL	CSA	Ex	
320	-	-	-	
15	- / -	- / -	-	
6	-	-	-	
26 - 10	-	-	-	
Rigid	Flexible	Ferrule without/with plastic sleeve		
0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4	
0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	-	
8 - 9				

Ordering data

Type	Order No.	Pcs./Pkt.
UP 4-4CT	① 3208720	10
UP 4-4VT	② 3208721	10
BP 4-5CT	① 3208733	10
BP 4-5VT	② 3208734	10

COMBI connectors

Notes:

¹⁾ For additional accessories and technical data, see page 328.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, connector, connection at a right angle to the plug-in direction



32 A, connector, connection at a right angle to the plug-in direction, for self-assembly



Technical data ¹⁾			
Width	Length	Height	Height plugged
6.2 x No. of pos.	22	48.5	32.2
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
32	800	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
32 / 4	30 / -	30 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	0.5 - 1

Ordering data		
Type	Order No.	Pcs./Pkt.
UPBV 4/ 1	① 3045800	50
UPBV 4/ 2	① 3045813	50
UPBV 4/ 3	① 3045826	50
UPBV 4/ 4	① 3045839	50
UPBV 4/ 5	① 3045842	50
UPBV 4/ 6	① 3045855	25
UPBV 4/ 7	① 3045868	25
UPBV 4/ 8	① 3045871	25
UPBV 4/ 9	① 3045884	25
UPBV 4/10	① 3045897	25
UPBV 4/11	① 3045907	10
UPBV 4/12	① 3045910	10
UPBV 4/13	① 3045923	10
UPBV 4/14	① 3045936	10
UPBV 4/15	① 3045949	10
UPBV 4/ 1 BU	① 3045266	50
UPBV 4/ 1 GNYE	① 3045279	50

Accessories ¹⁾		
UPZ/ 2	3045554	50
UPR/ 2	3045567	50
UPRZ	3045570	50
DF-UPBV 2,5/ 4	3060432	50



Technical data ¹⁾			
Width	Length	Height	Height plugged
6.2 x No. of pos.	22	48.5	32.2
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	800	0.14 - 6	26-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
32 ²⁾ / 4	30 / -	30 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
-	-	-	0.5 - 1

Ordering data		
Type	Order No.	Pcs./Pkt.
UPBV 4/ 1-L	① 3045716	50
UPBV 4/ 1-L BU	① 3045729	50
UPBV 4/ 1-L GNYE	① 3045732	50
UPBV 4/ 1-M	① 3045745	50
UPBV 4/ 1-M BU	① 3045758	50
UPBV 4/ 1-M GNYE	① 3045761	50
UPBV 4/ 1-R	① 3045774	50
UPBV 4/ 1-R BU	① 3045787	50
UPBV 4/ 1-R GNYE	① 3045790	50

Accessories ¹⁾		
UPZ/ 2	3045554	50
UPR/ 2	3045567	50
UPRZ	3045570	50
DF-UPBV 2,5/ 4	3060432	50

Description	No. of pos.	Width	Color
Connector	1	6.2 mm	gray
	2	12.4 mm	gray
	3	18.6 mm	gray
	4	24.8 mm	gray
	5	31 mm	gray
	6	37.2 mm	gray
	7	43.4 mm	gray
	8	49.6 mm	gray
	9	55.8 mm	gray
	10	62 mm	gray
	11	68.2 mm	gray
	12	74.4 mm	gray
	13	80.6 mm	gray
	14	86.8 mm	gray
	15	93 mm	gray
Connector, left element	1	6.2 mm	blue
	1	6.2 mm	green-yellow
Connector, center element	1	6.2 mm	blue
	1	6.2 mm	green-yellow
Connector, right element	1	6.2 mm	gray
	1	6.2 mm	blue
	1	6.2 mm	green-yellow

Strain relief, for UPBV... plugs, 2-pos.	black
Latching, for UPBV plugs, 2-pos.	orange
Latching and strain relief systems, for UPBV... plugs, 2-pos.	orange
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI plugs	gray

Terminal blocks – CLIPLINE complete

4 mm² COMBI UT plug-in connection solutions

COMBI connectors

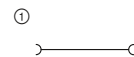
Notes:

¹⁾ For additional accessories and technical data, see page 328.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, connector, connection in plug-in direction



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



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	6.2 x No. of pos.	21	41.2	24.8
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.2 - 6	26-10
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	32 ²⁾ / 4	30 / -	30 / -	- / -
Cross section range	24 - 10	-	-	-
	[A] / [mm ²]			
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	-	-	-	0.5 - 1.5
	[mm ²]			

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	6.2 x No. of pos.	21	41.2	24.8
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.2 - 6	26-10
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	32 ²⁾ / 4	30 / -	30 / -	- / -
Cross section range	24 - 10	-	-	-
	[A] / [mm ²]			
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve	
1 conductor	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 flexible conductors with a TWIN ferrule	-	-	-	0.5 - 1.5
	[mm ²]			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
Connector	1	6.2 mm	gray	UP 4/ 1	① 3060115	50
	2	12.4 mm	gray	UP 4/ 2	① 3060128	50
	3	18.6 mm	gray	UP 4/ 3	① 3060131	50
	4	24.8 mm	gray	UP 4/ 4	① 3060144	50
	5	31 mm	gray	UP 4/ 5	① 3060157	50
	6	37.2 mm	gray	UP 4/ 6	① 3060160	25
	7	43.4 mm	gray	UP 4/ 7	① 3060173	25
	8	49.6 mm	gray	UP 4/ 8	① 3060186	25
	9	55.8 mm	gray	UP 4/ 9	① 3060199	25
	10	62 mm	gray	UP 4/10	① 3060209	25
	11	68.2 mm	gray	UP 4/11	① 3060212	10
	12	74.4 mm	gray	UP 4/12	① 3060225	10
	13	80.6 mm	gray	UP 4/13	① 3060238	10
	14	86.8 mm	gray	UP 4/14	① 3060241	10
	15	93 mm	gray	UP 4/15	① 3060254	10
Connector, left element	1	6.2 mm	blue	UP 4/ 1 BU	① 3045282	50
	1	6.2 mm	green-yellow	UP 4/ 1 GNYE	① 3045295	50
Connector, center element	1	6.2 mm	blue			
	1	6.2 mm	green-yellow			
Connector, right element	1	6.2 mm	gray			
	1	6.2 mm	blue			
	1	6.2 mm	green-yellow			

Ordering data

Type	Order No.	Pcs./Pkt.
UP 4/ 1-L	① 3060021	50
UP 4/ 1-L BU	① 3060034	50
UP 4/ 1-L GNYE	① 3060047	50
UP 4/ 1-M	① 3060050	50
UP 4/ 1-M BU	① 3060063	50
UP 4/ 1-M GNYE	① 3060076	50
UP 4/ 1-R	① 3060089	50
UP 4/ 1-R BU	① 3060092	50
UP 4/ 1-R GNYE	① 3060102	50

Accessories¹⁾

Strain relief, for plugs, 2-pos.	black	PZ/2	3040627	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Screw flange cover, for UP 4 COMBI plug	gray	DF-UP 4	3060348	50

Accessories¹⁾

PZ/2	3040627	50
PR	3040559	50
PR/2	3040630	50
PRZ	3040614	50
DF-UP 4	3060348	50

Terminal blocks – CLIPLINE complete

4 mm² COMBI ST plug-in connection solutions

General technical data

Rated data		IEC 61984
Rated cross section	[mm ²]	4
Cross section range	AWG	28 - 10
Connection capacity		Rigid Flexible Ferrule without/with plastic sleeve
1 conductor	[mm ²]	0.08 - 6 0.08 - 4 0.14 - 4 0.14 - 4
2 flexible conductors with a TWIN ferrule	[mm ²]	- - - 0.5 - 1
General data		
Stripping length	[mm]	8 - 10
Insulating material		PA
Flammability rating in accordance with UL 94		VO
Note: Additional or deviating data is listed alongside the respective product.		

Notes:



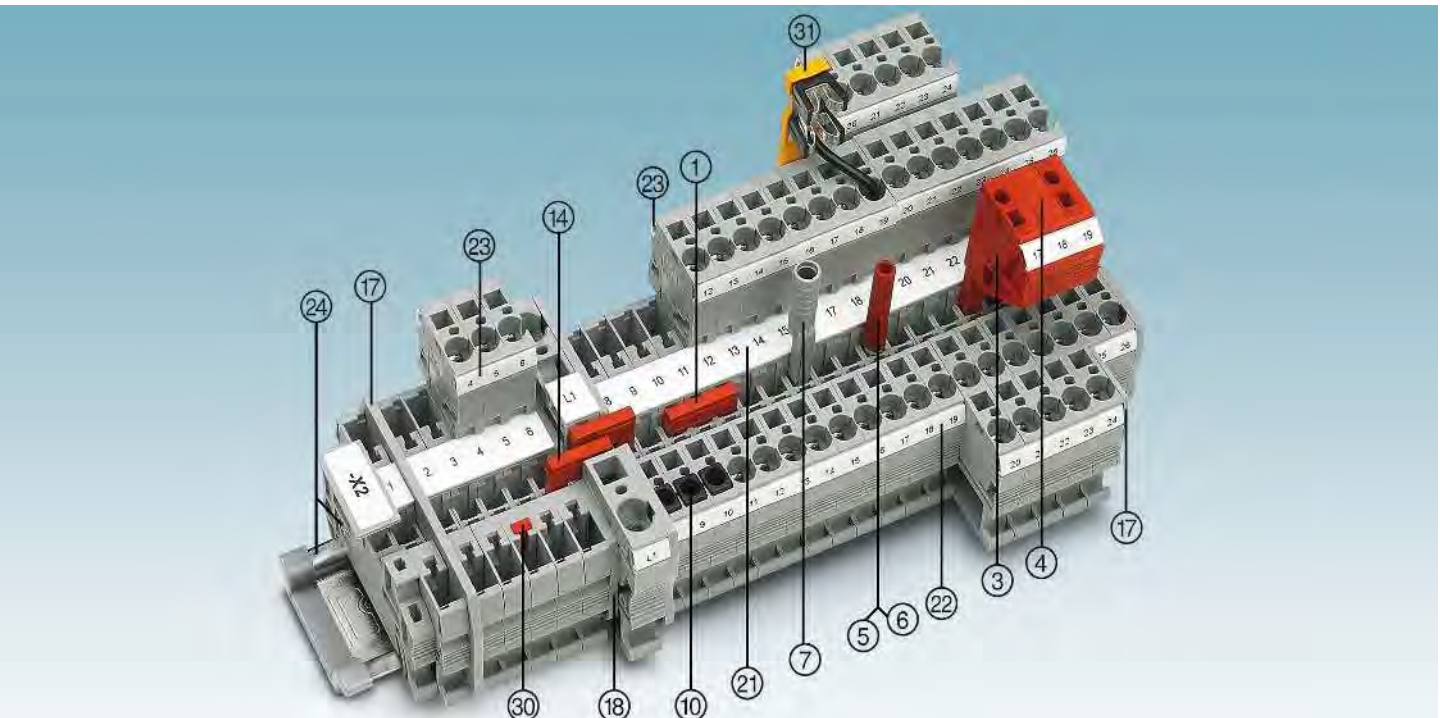
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



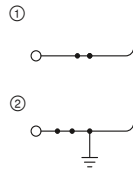
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	FBSR 10-6	3033716	10
	20	red	FBS 20-6	3030365	10			
③ Modular test plug		red	PS-6	3030996	10			
④ Spacer plate		red	DP PS-6	3036738	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			
⑩ Insulating sleeve, 0.25 - 0.5 mm ² 0.75 - 1 mm ²		gray	ISH 4/0,5	3002885	50			
		black	ISH 4/1,0	3002898	50			
②③ Coding profile		red	PC	3040588	50			
Screwdriver			SZF 1-0,6X3,5	1204517	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.					
⑲ Center groove labeling			UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.					
⑲ Center and side groove labeling			UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.					
⑲ Lateral groove labeling			UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.					
⑲ DIN rail and end bracket			See Catalog 3					
⑲ Latching, strain relief, shielding			See from 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 338.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block



Technical data¹⁾

Width	Length	Height
6.2	55.8	36.5 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
32 ²⁾	800	0.08 - 6 28-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 -
32 ²⁾ / 4	30 / -	30 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4/ 1P	① 3042719	50
ST 4/ 1P BU	① 3042874	50
ST 4/ 1P-PE	② 3042722	50

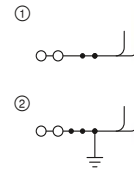
Accessories¹⁾

D-ST 4	3030420	50
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Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
----------------------	------



32 A, feed-through terminal block, 4 connections



Technical data¹⁾

Width	Length	Height
6.2	97.3	36.5 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
32 ²⁾	800	0.08 - 6 28-10
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	600	600 -
32 ²⁾ / 4	30 / -	30 / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4-QUATTRO/2P	① 3042845	50
ST 4-QUATTRO/2P BU	① 3042861	50
ST 4-QUATTRO/2P-PE	② 3042858	50

Accessories¹⁾

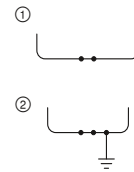
D-ST 4-QUATTRO/2P	3043747	50
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Feed-through, multi-conductor, and ground terminal blocks

Notes:

¹⁾ For additional accessories and technical data, see page 338.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block



Technical data¹⁾

Width	Length	Height
6.2	55.9	36.5 (NS 35/7,5)
I_{max} [A]	U_{max} [V]	max. Ø [mm²] AWG (UL)
32 ²⁾	800	0.08 - 6 -
32 (FBS) / 24 (FBSR)		
IEC	UL / CUL	CSA Ex
800	-	- -
32 ²⁾ / 4	- / -	- / - - / -

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4/ 2P	① 3042735	50
ST 4/ 2P BU	① 3043789	50
ST 4/ 2P-PE	② 3042748	50

Accessories¹⁾

D-ST 4	3030420	50
--------	---------	----

Dimensions	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Cover, width: 2.2 mm	gray
----------------------	------

4 mm² COMBI ST plug-in connection solutions

- This plug-in basic terminal block can be fitted with 4 mm² COMBI connectors as well as crimp contacts in the CP 4/6 connector housing
- Conductors with crimped on STG-MTN ... module socket contacts can be easily snapped into the CP 4/6 connector housing

²⁾ For derating curve, visit phoenixcontact.net/products



**32 A, feed-through terminal block,
4 connections**



Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm ²]

Technical data ¹⁾			
Width	Length	Height	
6.2	95.9	36.8 (NS 35/7,5)	
I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
32²⁾	500	0.08 - 4	28-10
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
32 ²⁾ / 4	30 / -	30 / -	- / -
28 - 12	-	-	-
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.08 - 4	0.08 - 4	-	-

Description	Color
Terminal block	gray

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 4-QUATTRO/4CP ^①	3042736	50

Cover, width: 2.2 mm	gray
Module socket contact	
for wires from 0.5 ... 1,0 mm ²	silver
for wires from 1.5 ... 2.5 mm ²	silver

Accessories¹)		
D-ST 4-QUATTRO/4CP	3042739	10
STG-MTN 0,5-1,0	3190438	100
STG-MTN 1,5-2,5	3190506	100

Couplings

Notes:

¹⁾ For additional accessories and technical data, see page 338.

²⁾ For derating curve, visit phoenixcontact.net/products

①



32 A, coupling

①



32 A, coupling, for self-assembly



			Technical data ¹⁾			
Dimensions			Width	Length	Height	
			6.2 x No. of pos.	48.6	22.3	
Maximum electrical data			I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]	AWG (UL)
			32	800	0.08 - 6	28-10
Rated data			IEC	UL / CUL	CSA	Ex
Rated voltage			800	600	-	-
Nominal current / cross section			32 / 4	30 / -	- / -	- / -
Ordering data						
Description			Type		Order No.	Pcs./Pkt.
COMBI coupling			SC 4/ 2	①	3042450	50
			SC 4/ 3	①	3042463	50
			SC 4/ 4	①	3042476	50
			SC 4/ 5	①	3042489	50
			SC 4/ 6	①	3042492	25
			SC 4/ 7	①	3042502	25
			SC 4/ 8	①	3042515	25
			SC 4/ 9	①	3042528	25
			SC 4/10	①	3042531	25
			SC 4/11	①	3042544	10
			SC 4/12	①	3042557	10
			SC 4/13	①	3042560	10
			SC 4/14	①	3042573	10
			SC 4/15	①	3042586	10
COMBI coupling, for self-assembly						
Accessories ¹⁾						
Test plug metal part, 2.3 mm Ø			MPS-MT		0201744	10
Insulating sleeve, for MPS metal part			MPS-IH RD		0201676	10
Cover, 3.2 mm width						
Strain relief, for SC 4... receptacle, 2-pos.			CZ/2		3043831	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks			PC		3040588	50



Technical data ¹⁾			
Width	Length	Height	
6.2 x No. of pos.	48.6	22.3	
I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	800	0.08 - 6	28-10
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 ²⁾ / 4	30 / -	- / -	- / -
Ordering data			
Type	Order No.	Pcs./Pkt.	
SC 4/ 1-L	① 3042599	50	
SC 4/ 1-L BU	① 3042609	50	
SC 4/ 1-L GNYE	① 3042612	50	
Accessories ¹⁾			
MPS-MT	0201744	10	
MPS-IH RD	0201676	10	
D-SC 4	3043307	50	
CZ/2	3043831	50	
PC	3040588	50	

Terminal blocks – CLIPLINE complete

4 mm² COMBI ST plug-in connection solutions

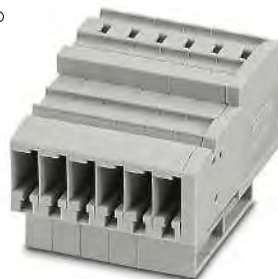
Couplings

Notes:

¹⁾ For additional accessories and technical data, see page 338.

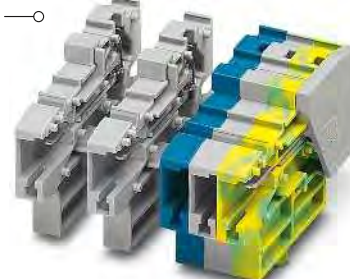
²⁾ For derating curve, visit phoenixcontact.net/products

①



32 A, coupling with securing pin

①



32 A, coupling with securing pin, for self-assembly



Technical data¹⁾

Dimensions	[mm]
------------	------

Width	Length	Height
-------	--------	--------

Maximum electrical data

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
---------------	---------------	---------------------------	----------

Rated data

IEC	UL / CUL	CSA	Ex
-----	----------	-----	----

Rated voltage	[V]
---------------	-----

800	600	-	-
-----	-----	---	---

Nominal current / cross section	[A] / [mm ²]
---------------------------------	--------------------------

32 / 4	30 / -	- / -	- / -
--------	--------	-------	-------

Ordering data

Description	No. of pos.	Color
COMBI coupling, with securing pin	2	gray
	3	gray
	4	gray
	5	gray
	6	gray
	7	gray
	8	gray
	9	gray
	10	gray
	11	gray
	12	gray
	13	gray
	14	gray
	15	gray
COMBI coupling, with securing pin, for self-assembly	1	gray
	1	blue
	1	green-yellow

Type	Order No.	Pcs./Pkt.
SC 4-RZ/ 2	① 3042625	50
SC 4-RZ/ 3	① 3042638	50
SC 4-RZ/ 4	① 3042641	50
SC 4-RZ/ 5	① 3042654	50
SC 4-RZ/ 6	① 3042667	25
SC 4-RZ/ 7	① 3042670	25
SC 4-RZ/ 8	① 3042683	25
SC 4-RZ/ 9	① 3042696	25
SC 4-RZ/10	① 3042706	25
SC 4-RZ/11	① 3043323	10
SC 4-RZ/12	① 3043336	10
SC 4-RZ/13	① 3043349	10
SC 4-RZ/14	① 3043352	10
SC 4-RZ/15	① 3043365	10

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray
Insulating sleeve, for MPS metal part	red
Cover, 3.2 mm width	gray
Strain relief, for SC 4... receptacle, 2-pos.	black
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red

MPS-MT	0201744	10
MPS-IH RD	0201676	10
CZ/2	3043831	50
PC	3040588	50



Technical data¹⁾

Width	Length	Height
-------	--------	--------

I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
---------------	---------------	---------------------------	----------

IEC	UL / CUL	CSA	Ex
-----	----------	-----	----

800	600	-	-
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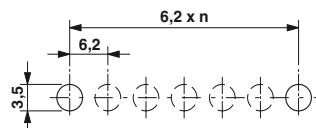
32 ²⁾ / 4	30 / -	- / -	- / -
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Ordering data

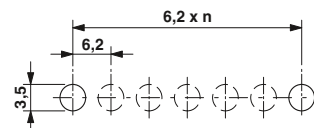
Type	Order No.	Pcs./Pkt.
SC 4-RZ/ 1-L	① 3043378	50
SC 4-RZ/ 1-L BU	① 3043381	50
SC 4-RZ/ 1-L GNYE	① 3043394	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 4	3043307	50
CZ/2	3043831	50
PC	3040588	50



Drilling plan example: 1 x SC 4-RZ/ 6



Drilling plan example: 6 x SC 4-RZ/ 1-L

Couplings

①



Notes:

¹⁾ For additional accessories and technical data, see page 338.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, coupling for DIN rail mounting



Panel feed-through

Technical data ¹⁾			
Width	Length	Height	
6.2	48.6	35.6 (NS 35/7,5) / 35.6 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
32 ²⁾	800	0.08 - 6	28-10
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 ²⁾ / 4	30 / -	- / -	- / -
Ordering data			
Type		Order No.	Pcs./Pkt.
SC 4-NS/ 1-L	①	3043404	50
Accessories ¹⁾			
D-SC 4		3043307	50

Technical data ¹⁾			
Width	Length	Height	
5.2	-	max. Ø [mm ²]	AWG (UL)
		-	-
IEC	UL / CUL	CSA	Ex
-	-	-	-
-	- / -	- / -	- / -
Ordering data			
Type	Order No.		Pcs./Pkt.
SSL 2,5	3043815		50
Accessories ¹⁾			
PC	3040588		50

Dimensions [mm]

Maximum electrical data

Rated data

Rated voltage [V]
Nominal current / cross section [A] / [mm²]

Description Color

COMBI coupling gray
Panel feed-through, for snapping on to receptacles, 1 SSL 2.5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm gray

Cover, 3.2 mm width gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks red

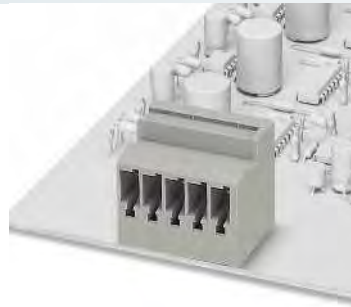
Terminal blocks – CLIPLINE complete

4 mm² COMBI ST plug-in connection solutions

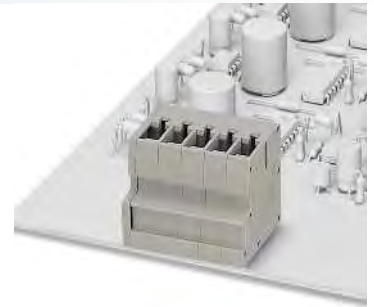
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction



Technical data

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Rated cross section	[mm ²]
General data	
Insulating material	
Flammability rating in accordance with UL 94	

Width	Length	Height
14.45	25.1	29.45
I _{max.} [A]	max. Ø [mm ²]	AWG (UL)
32	-	-
IEC	UL	CSA
-	600	-
32 / 4	20 / -	-
4	-	-
PA		
V0		



Technical data

Width	Length	Height
12.4	26	25.1
I _{max.} [A]	max. Ø [mm ²]	AWG (UL)
32	-	-
IEC	UL	CSA
-	600	-
32 / 4	20 / -	-
4	-	-
PA		
V0		

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header						
	2	14.45 mm	gray	ST 4-PCB/ 2-G-6,2	1980598	50
	3	20.65 mm	gray	ST 4-PCB/ 3-G-6,2	1980608	50
	4	26.85 mm	gray	ST 4-PCB/ 4-G-6,2	1980611	50
	5	33.05 mm	gray	ST 4-PCB/ 5-G-6,2	1980624	50
	6	39.25 mm	gray	ST 4-PCB/ 6-G-6,2	1980637	50
	7	45.45 mm	gray	ST 4-PCB/ 7-G-6,2	1980640	50
	8	51.65 mm	gray	ST 4-PCB/ 8-G-6,2	1980653	50
	9	57.85 mm	gray	ST 4-PCB/ 9-G-6,2	1980666	50
	10	64.05 mm	gray	ST 4-PCB/10-G-6,2	1980679	50
	11	70.25 mm	gray	ST 4-PCB/11-G-6,2	1980682	50
	12	76.45 mm	gray	ST 4-PCB/12-G-6,2	1980695	50
COMBI header						
	2	12.4 mm	gray			
	3	18.6 mm	gray			
	4	24.8 mm	gray			
	5	31 mm	gray			
	6	37.2 mm	gray			
	7	43.4 mm	gray			
	8	49.6 mm	gray			
	9	55.8 mm	gray			
	10	62 mm	gray			
	11	68.2 mm	gray			
	12	74.4 mm	gray			

Ordering data

Type	Order No.	Pcs./Pkt.
ST 4-PCBV/ 2-G-6,2	1980705	50
ST 4-PCBV/ 3-G-6,2	1980718	50
ST 4-PCBV/ 4-G-6,2	1980721	50
ST 4-PCBV/ 5-G-6,2	1980734	50
ST 4-PCBV/ 6-G-6,2	1980747	50
ST 4-PCBV/ 7-G-6,2	1980750	50
ST 4-PCBV/ 8-G-6,2	1980763	50
ST 4-PCBV/ 9-G-6,2	1980776	50
ST 4-PCBV/10-G-6,2	1980789	50
ST 4-PCBV/11-G-6,2	1980792	50
ST 4-PCBV/12-G-6,2	1980802	50

COMBI connectors

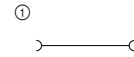
Notes:

¹⁾ For additional accessories and technical data, see page 338.

²⁾ For derating curve, visit phoenixcontact.net/products



32 A, connector, connection in plug-in direction



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

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	6.2 x No. of pos.	21	41.5	24
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32	800	0.08 - 6	28-10
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	32 / 4	30 / -	30 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	6.2 mm	gray	SP 4/ 1	3042887	50
	2	12.4 mm	gray	SP 4/ 2	3042890	50
	3	18.6 mm	gray	SP 4/ 3	3042900	50
	4	24.8 mm	gray	SP 4/ 4	3042926	50
	5	31 mm	gray	SP 4/ 5	3042939	50
	6	37.2 mm	gray	SP 4/ 6	3042942	25
	7	43.4 mm	gray	SP 4/ 7	3042955	25
	8	49.6 mm	gray	SP 4/ 8	3042968	25
	9	55.8 mm	gray	SP 4/ 9	3042971	25
	10	62 mm	gray	SP 4/10	3042984	25
	11	68.2 mm	gray	SP 4/11	3042997	10
	12	74.4 mm	gray	SP 4/12	3043006	10
	13	80.6 mm	gray	SP 4/13	3043718	10
	14	86.8 mm	gray	SP 4/14	3043721	10
	15	93 mm	gray	SP 4/15	3043734	10
COMBI connector, left element	1	6.2 mm	blue	SP 4/1 BU	3061033	50
	1	6.2 mm	green-yellow	SP 4/1 GNYE	3061046	50
COMBI connector, center element	1	6.2 mm	gray			
	1	6.2 mm	blue			
COMBI connector, right element	1	6.2 mm	green-yellow			
	1	6.2 mm	gray			

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for plugs, 2-pos.	black	PZ/2	3040627	50

Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	6.2 x No. of pos.	21	41.5	24
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.08 - 6	28-10
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	800	600	600	-
Nominal current / cross section	32 ²⁾ / 4	30 / -	30 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
SP 4/ 1-L	3042751	50
SP 4/ 1-L BU	3042764	50
SP 4/ 1-L GNYE	3042777	50
SP 4/ 1-M	3042780	50
SP 4/ 1-M BU	3042793	50
SP 4/ 1-M GNYE	3042803	50
SP 4/ 1-R	3042816	50
SP 4/ 1-R BU	3042829	50
SP 4/ 1-R GNYE	3042832	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50

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:



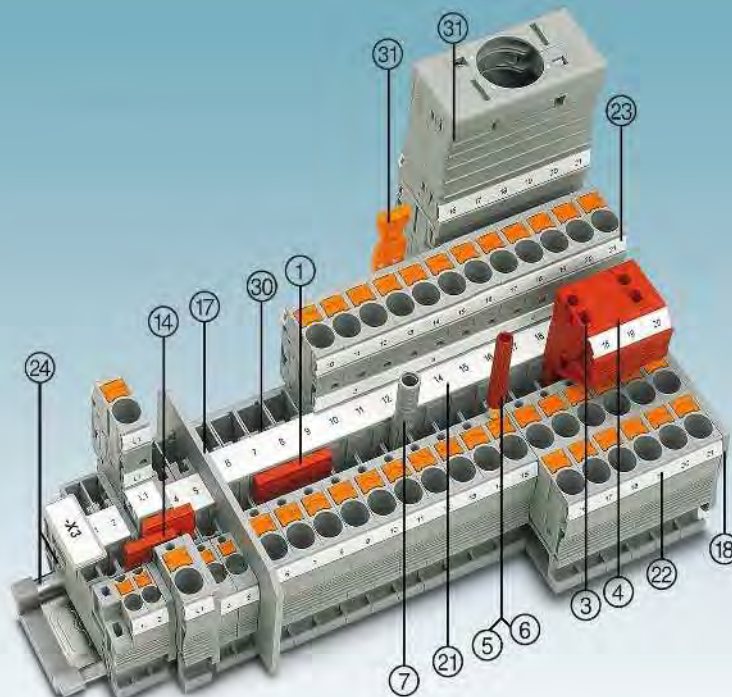
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



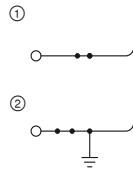
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge¹)	2	red	FBS 2-8	3030284	10	FBSR 2-8	3033808	10
	3	red	FBS 3-8	3030297	10	FBSR 3-8	3001597	10
	4	red	FBS 4-8	3030307	10	FBSR 4-8	3000585	10
	5	red	FBS 5-8	3030310	10	FBSR 5-8	3033809	10
	10	red	FBS 10-8	3030323	10	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			
③ 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.					
⑲ Center groove labeling			UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables, from page 60.					
⑳ Center and side groove labeling			UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.					
㉑ Lateral groove labeling			UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.					
㉒ DIN rail and end bracket			See Catalog 3					
㉓ 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



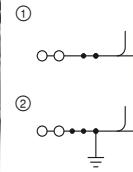
41 A, feed-through terminal block



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	57.7	43.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	41 ²⁾	1000	0.5 - 10	20-8
Maximum bridge current	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	-
Nominal current / cross section	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	3212044	50



41 A, feed-through terminal block, 4 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	8.2	99.8	43.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	41 ²⁾	1000	0.5 - 10	20-8
Maximum bridge current	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	-
Nominal current / cross section	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	3061855	50

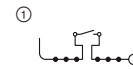
Test disconnect terminal blocks

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
----------------------	------

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

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

Accessories ¹⁾		
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 data¹⁾

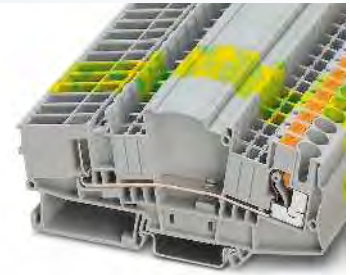
Dimensions	Width	Length	Height
	8.2	114.9	49.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	30	500	0.5 - 10 20-8
	41 (FBS) / 32 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Maximum bridge current	500	600	600 -
Rated voltage	30 / 6	30 / -	30 / - - / -
Nominal current / cross section			

Ordering data

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

Accessories¹⁾

D-PTME 6-CT/1P	3212303	10
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30 A, feed-through terminal block, for short-circuit plugs



Technical data¹⁾

Dimensions	Width	Length	Height
	8.2	114.9	49.6 (NS 35/7,5)
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	30	500	0.5 - 10 20-8
	41 (FBS) / 32 (FBSR)		
Rated data	IEC	UL / CUL	CSA Ex
Maximum bridge current	500	600	600 -
Rated voltage	30 / 6	30 / -	30 / - - / -
Nominal current / cross section			

Ordering data

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

Accessories¹⁾

D-PTME 6-CT/1P	3212303	10
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Connectors, with integrated short-circuit function

Notes:

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



20 A, connector, 2-pos.

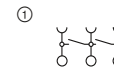


Technical data¹⁾

Dimensions	Width	Length	Height
	16.4	38.5	48.5
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	20	320	0.5 - 10 20-8
	IEC UL / CUL CSA Ex		
Rated voltage	320	600	600 -
Nominal current / cross section	20 / 6	30 / -	30 / - - / -

Ordering data

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



20 A, connector, 3-pos.



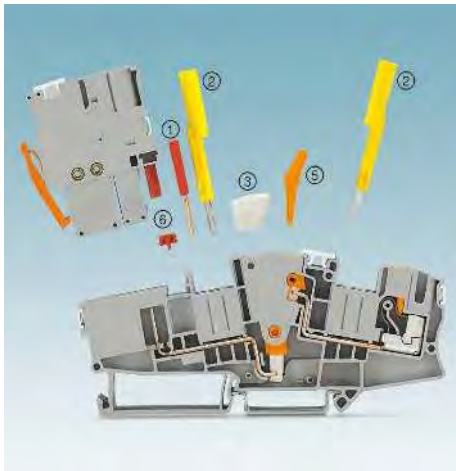
Technical data¹⁾

Dimensions	Width	Length	Height
	24.6	38.5	48.5
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²] AWG (UL)
	20	320	0.5 - 10 20-8
	IEC UL / CUL CSA Ex		
Rated voltage	320	600	600 -
Nominal current / cross section	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.

Description	No. of pos.	Color
Test adapter , for 4-mm-Ø safety test connector, snapped into bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
	1	white
Switching lock , plug-in		white
Switching bridge , plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever , for actuating test disconnect terminal blocks	1	orange
	2	orange
	3	orange
Coding set , for 2-pos. plugs ¹⁾		red

Ordering data

Type	Order No.	Pcs./Pkt.
PAI-4-FIX OG	3034455	10
PAI-4-FIX YE	3032745	10
PAI-4-FIX GN	3032758	10
PAI-4-FIX VT	3032761	10
PAI-4-FIX BK	3032774	10
PAI-4-FIX BU	3032729	10
PAI-4-FIX RD	3032732	10
PAI-4-FIX GY	3032790	10
PAI-4-FIX BN	3032787	10
PAI-4-FIX WH	3032797	10
S-ME 6	3034439	10
SB-ME 2-8	3034468	10
SB-ME 3-8	3032800	10
SB-ME 4-8	3034484	10
C-ME 6/1	3034441	10
C-ME 6/2	3034442	10
C-ME 6/3	3034390	50
PC-CT 6/2	3212308	1

Terminal blocks – CLIPLINE complete

6 mm² COMBI PT plug-in connection solutions

Couplings

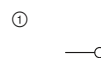
Notes:

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



Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2 x No. of pos.	47	24.7
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]
	41	1000	0.5 - 10
Rated data	IEC	UL / CUL	CSA
Rated voltage	1000	600	600
Nominal current / cross section	41 / 6	40 / -	36 / -

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI coupling	2	16.4 mm	gray	PPC 6/2	3000693	25
	3	24.6 mm	gray	PPC 6/3	3000694	25
	4	32.8 mm	gray	PPC 6/4	3000695	25
	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
	1	8.2 mm	gray			
COMBI coupling, for self-assembly	1	8.2 mm	blue			
	1	8.2 mm	green/yellow			

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
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

Technical data¹⁾

Dimensions	Width	Length	Height
[mm]	8.2 x No. of pos.	47	24.7
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm²]
	41 ²⁾	1000	0.5 - 10
Rated data	IEC	UL / CUL	CSA
Rated voltage	1000	600	600
Nominal current / cross section	41 ²⁾ / 6	40 / -	36 / -

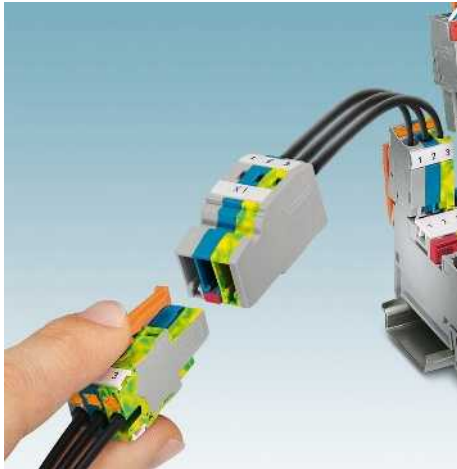
Ordering data

Type	Order No.	Pcs./Pkt.
PPC 6/1-L	3000690	50
PPC 6/1-L BU	3000691	50
PPC 6/1-L GNYE	3000692	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 6	3000703	10
PC	3040588	50
PZ/2	3040627	50

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



Dimensions	[mm]
------------	------

Maximum electrical data

Rated data
Rated voltage [V]
Nominal current / cross section [A] / [mm ²]

Description	Color
COMBI coupling	gray

Cover, width: 2.2 mm	gray
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red
Strain relief, for plugs, 2-pos.	black

Technical data ¹⁾			
Width	Length	Height	
8.2	43	38 (NS 35/7,5) / 38 (NS 15)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41	1000	0.5 - 10	20-8
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 / 6	40 / -	36 / -	- / -

Ordering data		
Type	Order No.	Pcs./Pkt.
PPC 6-NS/1-L ①	3000689	50

Accessories ¹⁾		
D-PPC 6	3000703	10
PC	3040588	50
PZ/2	3040627	50

Terminal blocks – CLIPLINE complete

6 mm² COMBI PT plug-in connection solutions

COMBI connectors

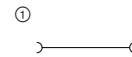
Notes:

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



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	8.2 x No. of pos.	21	49.3	31.2
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	41 ²⁾	1000	0.5 - 10	20-8
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	-
Nominal current / cross section	41 ²⁾ / 6	40 / -	40 / -	- / -
	[A] / [mm ²]			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI connectors	1	8.2 mm	gray	PP-H 6/ 1	① 3061541	50
	2	16.4 mm	gray	PP-H 6/ 2	① 3061570	50
	3	24.6 mm	gray	PP-H 6/ 3	① 3061583	50
	4	32.8 mm	gray	PP-H 6/ 4	① 3061596	50
	5	41 mm	gray	PP-H 6/ 5	① 3061606	50
	6	49.2 mm	gray	PP-H 6/ 6	① 3061619	25
	7	57.4 mm	gray	PP-H 6/ 7	① 3061622	25
	8	65.6 mm	gray	PP-H 6/ 8	① 3061635	25
	9	73.8 mm	gray	PP-H 6/ 9	① 3061648	25
	10	82 mm	gray	PP-H 6/10	① 3061651	25
COMBI connector, left element	1	8.2 mm	blue	PP-H 6/ 1 BU	① 3061554	50
	1	8.2 mm	green-yellow	PP-H 6/ 1 GNYE	① 3061567	50
COMBI connector, center element	1	8.2 mm	gray			
	1	8.2 mm	blue			
COMBI connector, right element	1	8.2 mm	gray			
	1	8.2 mm	blue			
	1	8.2 mm	green/yellow			
	1	8.2 mm	gray			
	1	8.2 mm	blue			
	1	8.2 mm	green/yellow			

Accessories¹⁾

Test plug metal part, 2.3 mm Ø	gray	MPS-MT	0201744	10
Insulating sleeve, for MPS metal part	red	MPS-IH RD	0201676	10
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange	PRZ	3040614	50
Latching, for connectors, 1-pos.	orange	PR	3040559	50
2-pos.	orange	PR/2	3040630	50
Strain relief, for plugs, 2-pos.	black	PZ/2	3040627	50
Cable housing, for PP-H 6... COMBI plugs and PPCT 6/..., 2-pos.	gray	PH 6/2	3000680	25
3-pos.	gray	PH 6/3	3000681	25
4-pos.	gray	PH 6/4	3000682	25
5-pos.	gray	PH 6/5	3000683	25
6-pos.	gray	PH 6/6	3000684	10
7-pos.	gray	PH 6/7	3000685	10



Technical data¹⁾

Dimensions	Width	Length	Height	Height plugged
	8.2 x No. of pos.	21	49.3	31.2
	[mm]			
Maximum electrical data	I _{max.} [A]	U _{max.} [V]	max. Ø [mm ²]	AWG (UL)
	41 ²⁾	1000	0.5 - 10	20-8
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	1000	600	600	-
Nominal current / cross section	41 ²⁾ / 6	40 / -	40 / -	- / -
	[A] / [mm ²]			

Ordering data

Type	Order No.	Pcs./Pkt.
PP-H 6/ 1-L	① 3061664	50
PP-H 6/ 1-L BU	① 3061677	50
PP-H 6/ 1-L GNYE	① 3061680	50
PP-H 6/ 1-M	① 3061693	50
PP-H 6/ 1-M BU	① 3061703	50
PP-H 6/ 1-M GNYE	① 3061716	50
PP-H 6/ 1-R	① 3061729	50
PP-H 6/ 1-R BU	① 3061732	50
PP-H 6/ 1-R GNYE	① 3061745	50

Accessories¹⁾

MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PH 6/2	3000680	25
PH 6/3	3000681	25
PH 6/4	3000682	25
PH 6/5	3000683	25
PH 6/6	3000684	10
PH 6/7	3000685	10

Terminal blocks – CLIPLINE complete

6 mm² COMBI UT plug-in connection solutions

General technical data

Rated data		IEC 61984			
Rated cross section	[mm ²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		Rigid	Flexible	Ferrule	
1 conductor	[mm ²]	0.2 - 10	0.2 - 10	without/with plastic sleeve	0.25 - 6
2 conductors (of the same type)	[mm ²]	0.2 - 2.5	0.2 - 2.5		-
2 flexible conductors with a TWIN ferrule	[mm ²]	-	-		0.5 - 4
General data					
Stripping length	[mm]	10			
Insulating material		PA			
Flammability rating in accordance with UL 94		V0			

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

Notes:



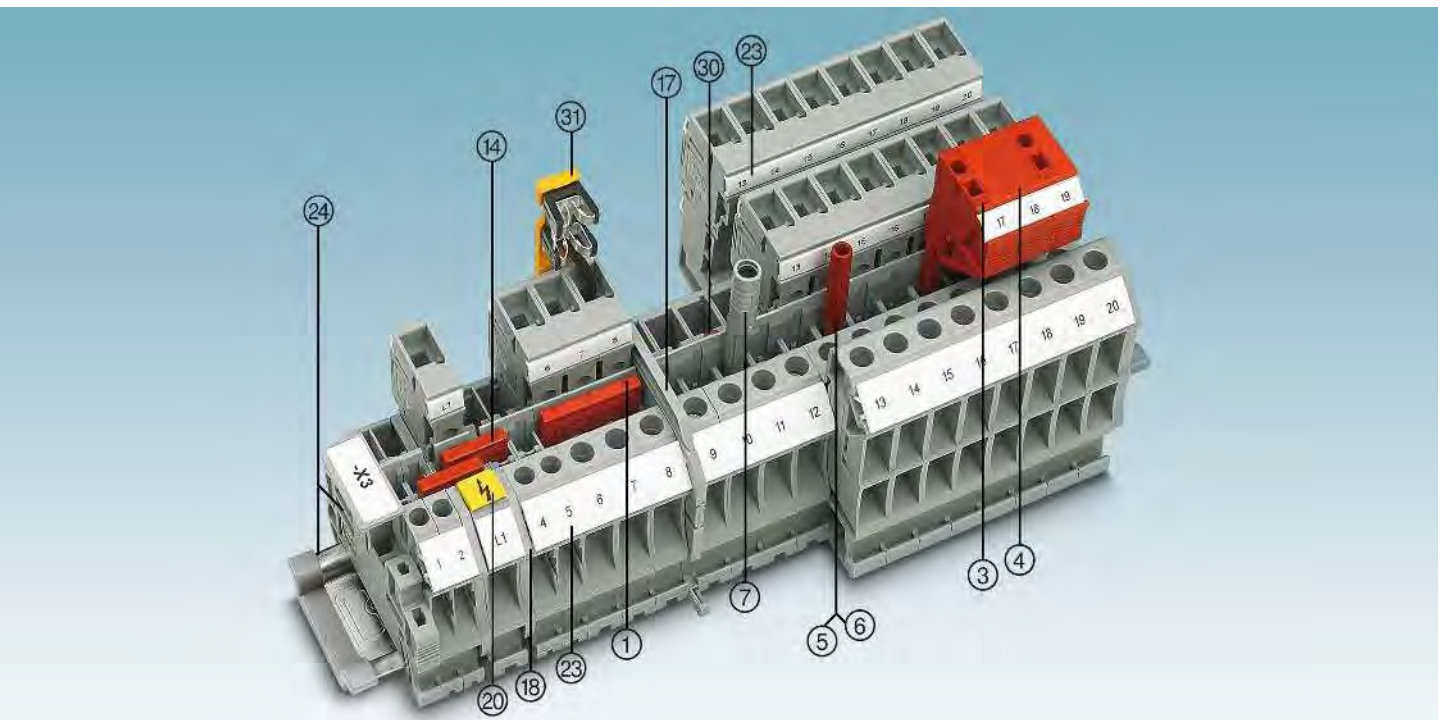
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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 Bridge¹)	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			
⑧ Coding profile		red	PC	3040588	50			
Screwdriver			SZS 1,0X4,0 VDE	1205066	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.					
⑲ Warning labels			For WS ..., see page 420.					
⑳ Lateral groove labeling			Terminal block: UC-TM 8, UCT-TM 8 or ZB 8 Connector: UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables, from page 60.					
㉑ DIN rail and end bracket			See Catalog 3					
㉒ Latching, strain relief, shielding			See from page 362.					
For full accessories, visit phoenixcontact.net/products			Note: Additional or deviating accessories are listed alongside the respective product.					

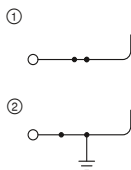
Feed-through, multi-conductor,
and ground terminal blocks

Notes:

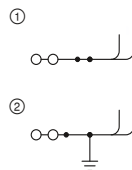
¹⁾ For additional accessories and technical data, see page 354.

²⁾ For derating curve, visit phoenixcontact.net/products

For screw flange, see page 372.



41 A, feed-through terminal block

41 A, feed-through terminal block,
4 connectionsTechnical data¹⁾

Dimensions		Width	Length	Height	
	[mm]	8.2	49.1	47.5 (NS 35/7,5)	
Maximum electrical data		I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
		41 ²⁾	1000	0.2 - 10	24-8
Maximum bridge current	[A]	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 / -	50 / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	UT 6/1P	① 3060539	50
	blue	UT 6/1P BU	① 3060542	50
Ground terminal	green-yellow	UT 6/1P-PE	② 3060555	50

Accessories¹⁾

Cover, width: 2.2 mm	gray	D-UT 2,5/1P	3047154	50
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Technical data¹⁾

Width	Length	Height	
8.2	86.5	60 (NS 35/7,5)	
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41 ²)	1000	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 ²) / 6	40 / -	50 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
UT 6-QUATTRO/2P	①	3060568	50
UT 6-QUATTRO/2P BU	①	3060571	50
UT 6-QUATTRO/2P-PE	②	3060584	50

Accessories¹⁾

D-UT 6-QUATTRO/2P	gray	3060607	50
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Terminal blocks – CLIPLINE complete

6 mm² COMBI UT plug-in connection solutions

COMBI connectors



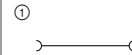
- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large-surface marking options
- The screw connectors can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions

UP ... connectors

- Screw actuation from the side
- Conductor connected from above
- The connector design enables a space-saving potential distribution by using four-conductor terminal blocks with 2 slots

Notes:

- 1) For additional accessories and technical data, see page 354.
- 2) For derating curve, visit phoenixcontact.net/products



41 A, connector, connection in plug-in direction



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Connection capacity	
1 conductor	[mm²]

Description	No. of pos.	Width	Color
Connector	1	8.2 mm	gray
	2	16.4 mm	gray
	3	24.6 mm	gray
	4	32.8 mm	gray
	5	41 mm	gray
	6	49.2 mm	gray
	7	57.4 mm	gray
	8	65.6 mm	gray
	9	73.8 mm	gray
	10	82 mm	gray
	1	8.2 mm	blue
	1	8.2 mm	green-yellow

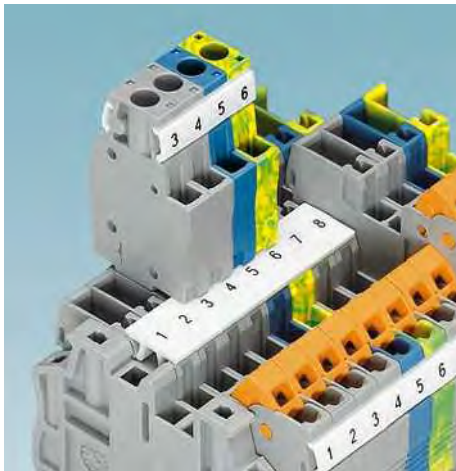
Strain relief, for plugs, 2-pos.	black
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 2-pos.	orange
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Screw flange cover, for COMBI connector UP 6	gray

Technical data ¹⁾			
Width	Length	Height	Height plugged
8.2 x No. of pos.	21	42.7	26
I _{max} [A]	U _{max} [V]	max. Ø [mm²]	AWG (UL)
41 ²⁾	1000	0.2 - 10	24-8
IEC	UL / CUL	CSA	Ex
Rated voltage	600	600	-
Nominal current / cross section	41 ²⁾ / 6	40 / -	50 / -
Connection capacity	Rigid	Flexible	Ferrule without/with plastic sleeve
1 conductor	0.2 - 6	0.2 - 10	0.25 - 6 0.25 - 6

Ordering data			
Type		Order No.	Pcs./Pkt.
UP 6/ 1	①	3060610	50
UP 6/ 2	①	3060623	50
UP 6/ 3	①	3060636	50
UP 6/ 4	①	3060649	25
UP 6/ 5	①	3060652	25
UP 6/ 6	①	3060665	25
UP 6/ 7	①	3060678	25
UP 6/ 8	①	3060681	25
UP 6/ 9	①	3060694	25
UP 6/10	①	3060704	25
UP 6/ 1 BU	①	3060717	50
UP 6/ 1 GNYE	①	3060720	50

Accessories ¹⁾		
PZ/2	3040627	50
PR	3040559	50
PR/2	3040630	50
PRZ	3040614	50
DF-UP 6	3060856	50

COMBI connectors for self-assembly

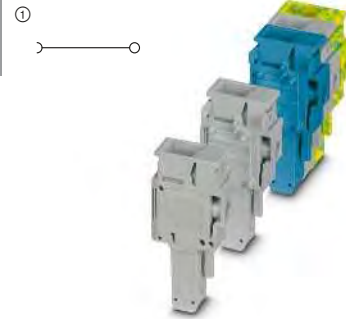


- The COMBI connectors for self-assembly provide solutions that users can implement themselves
- The connectors are snapped together from one-position connector elements directly on site
- The screw connectors can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions
- The plug is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together

- ① DF-UP 6
- ② UP 6/1-L
- ③ UP 6/1-M and UP 6/1-M BU
- ④ UP 6/1-R GNYE

Notes:

- 1) For additional accessories and technical data, see page 354.
- 2) For derating curve, visit phoenixcontact.net/products



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



Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm ²]
Connection capacity	
1 conductor	[mm ²]

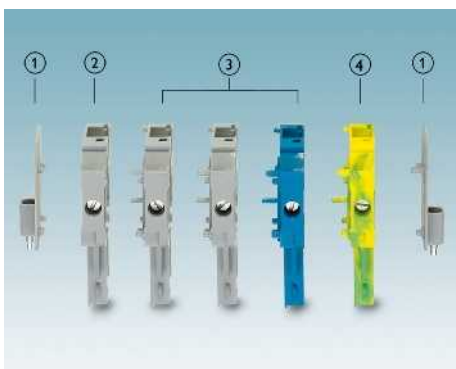
Description	No. of pos.	Color
Connector, left element	1	gray
	1	blue
	1	green-yellow
Connector, center element	1	gray
	1	blue
	1	green-yellow
Connector, right element	1	gray
	1	blue
	1	green-yellow

Strain relief, for plugs, 2-pos.	black
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 2-pos.	orange
Latching and strain relief systems, for all plugs with conductor exit at top, 2-pos.	orange
Screw flange cover, for COMBI connector UP 6	gray

Technical data ¹⁾			
Width	Length	Height	Height plugged
8.2 x No. of pos.	21	42.7	26
I _{max} [A]	U _{max} [V]	max. Ø [mm ²]	AWG (UL)
41 ²⁾	1000	0.2 - 10	24-8
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 ²⁾ / 6	40 / -	50 / -	- / -
Rigid	Flexible	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 10	0.25 - 6	0.25 - 6

Ordering data			
Type	Order No.	Pcs./Pkt.	
UP 6/ 1-L	① 3060733	50	
UP 6/ 1-L BU	① 3060746	50	
UP 6/ 1-L GNYE	① 3060759	50	
UP 6/ 1-M	① 3060762	50	
UP 6/ 1-M BU	① 3060775	50	
UP 6/ 1-M GNYE	① 3060788	50	
UP 6/ 1-R	① 3060791	50	
UP 6/ 1-R BU	① 3060801	50	
UP 6/ 1-R GNYE	① 3060814	50	

Accessories ¹⁾		
PZ/2	3040627	50
PR	3040559	50
PR/2	3040630	50
PRZ	3040614	50
DF-UP 6	3060856	50



Terminal blocks – CLIPLINE complete

COMBI plug-in connection solutions – accessories

Cross-reference
list
COMBI
accessories

Accessories

PZ 1,5/S/2 Order No. 3212918	PZ/2 Order No.: 3040627	PZ/4 Order No. 3040643	UPZ/2 Order No. 3045554	PDZ/2 Order No. 3040562	PDZ/4 Order No. 3040575	CZ/2 Order No. 3043831	PRZ-1,5/S Order No. 3212905	PRZ Order No.: 3040614	UPRZ Order No.: 3045570
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Connector

	PP-H 1,5...								
	QP 1,5...								
	PP-H 2,5...								
	PP 2,5...								
	UPBV 2,5...								
	SP 2,5...								
	SP-H 2,5...								
	SPV 2,5...								
	SPB 2,5...								
	SPDB 2,5...								
	CP 2,5...								
	PP-H 4...								
	UPBV 4...								
	UP 4...								
	UPCT 4/...								
	SP 4...								
	PP-H 6... PPCT 6/...								
	UP 6...								

[illegible]

Cross-reference
list
COMBI
accessories

Accessories

PZ 1,5/S/2 Order No. 3212918	PZ/2 Order No.: 3040627	PZ/4 Order No. 3040643	UPZ/2 Order No. 3045554	PDZ/2 Order No. 3040562	PDZ/4 Order No. 3040575	CZ/2 Order No. 3043831	PRZ-1,5/S Order No. 3212905	PRZ Order No.: 3040614	UPRZ Order No.: 3045570
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Coupling

 PPC 1,5...									
 PPC 2,5...									
 SC 2,5...									
 SC 4...									
 PPC 6...									

PR-1,5/S Order No.: 3212882	PR-1,5/S/2 Order No.: 3212895	PR Order No.: 3040559	PR/2 Order No.: 3040630	PRT/2 Order No.: 3040631	PRV/2 Order No.: 3041862	UPR/2 Order No.: 3045567	PH 1,5/S/... Order No.: 3212...	PH 2,5/... Order No.: 3209...	PH 4/... Order No.: 3000...	PH 6/... Order No.: 3000...	CPSL Order No.: 1069808	CPL Order No.: 1069807	CPS Order No.: 1069806
													

Strain relief for connectors



- The strain relief can be snapped onto the outside of the connector as an option
- The conductor can be fixed using Phoenix Contact cable ties

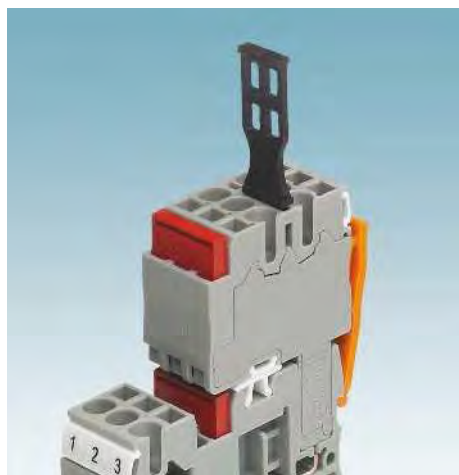
Notes:
For application options of accessories, refer to page 358.
For corresponding cable ties, see Catalog 3.



General data	
Material	
Description	Color
Strain relief , for connector and receptacle, 2-pos.	black
Strain relief , for connectors, 2-pos.	black
4-pos.	black
Strain relief , for UPBV... connectors, 2-pos.	black

Technical data		
PA-GF		
Ordering data		
Type	Order No.	Pcs./Pkt.
PZ 1,5/S/2	3212918	50
PZ/2	3040627	50
PZ/4	3040643	50
UPZ/ 2	3045554	50

Strain relief for plugs and receptacles



- The strain relief is snapped into the connector center on the spring-cage connectors or spring-cage couplings
- The conductor can be fixed using Phoenix Contact cable ties

Notes:
For application options of accessories, refer to page 358.
For corresponding cable ties, see Catalog 3.



General data	
Material	
Description	Color
Strain relief , for SPDB... plug and SC 2,5... receptacle, 2-pos.	black
4-pos.	black
Strain relief , for SC 4... receptacle, 2-pos.	black

Technical data		
PA-GF		
Ordering data		
Type	Order No.	Pcs./Pkt.
PDZ/2	3040562	50
PDZ/4	3040575	50
CZ/2	3043831	50

Snap-lock device and strain relief



- Snap-lock fitting and strain relief in one component
- Can be snapped into connector housing as an option
- The conductor can be fixed using Phoenix Contact cable ties

Notes:

For application options of accessories, refer to page 358.
For corresponding cable ties, see Catalog 3.

General data

Material

Description	Color
Latching and strain relief systems, for all connectors with conductor exit at top, 2-pos.	orange
Latching and strain relief systems, for all connectors with conductor exit at top, 2-pos.	orange
Latching and strain relief systems, for UPBV.... connectors, 2-pos.	orange



Technical data

PA-GF

Ordering data

Type	Order No.	Pcs./Pkt.
PRZ 1,5/S	3212905	50
PRZ	3040614	50
UPRZ	3045570	50

Snap-lock fitting



- Can be used in all connector versions
- It is snapped into the outside of the connector housing and hooks onto the terminal block housing when the connector is snapped on

Notes:

For application options of accessories, refer to page 358.

General data

Material

Description	Color
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 1-pos.	orange
Latching, for connectors, 1-pos.	orange
Snap-on, for SPV connectors, 2-pos.	orange
Latching, for UPBV connectors, 2-pos.	orange
Latching, for plugs, release with just a screwdriver	orange

Technical data

PA-GF

Ordering data

Type	Order No.	Pcs./Pkt.
PR 1,5/S	3212882	50
PR 1,5/S/2	3212895	50
PR	3040559	50
PR/2	3040630	50
PRV/2	3041862	50
UPR/ 2	3045567	50
PRT/2	3040631	50

Shielding PSH ...

Notes:
For corresponding cable ties, see Catalog 3.



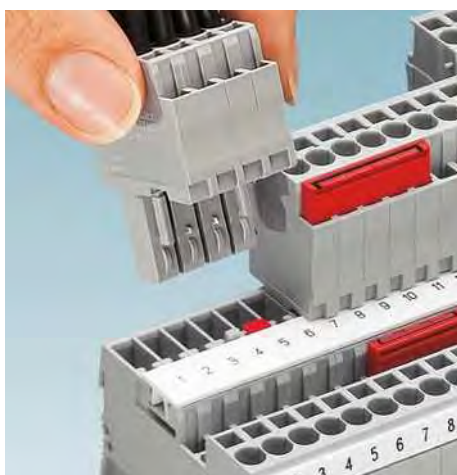
- For connecting shielded cables
- Is snapped into a strain relief once the connector has been wired
- Connected shielded cable is fixed using a cable tie
- The shielding's connecting cable is connected via the plug and then makes direct contact with the terminal block upon connection



General data	
Material	
Description	Color
Shielding , for mounting on PZ/... and PRZ, 2-pos., for cables with 3 ... 6 mm diameter, cable length: 55 mm	black
Cable length: 500 mm	black
For cables with 5 ... 10 mm diameter, cable length: 55 mm	black

Technical data		
PA		
Ordering data		
Type	Order No.	Pcs./Pkt.
PSH 3- 6	3040591	50
PSH 3- 6 500MM	3061525	10
PSH 5-10	3040601	50

Encoding PC



- Can be used in all terminal blocks, receptacles and PCB headers
- The individual coding elements are inserted at the coding position in the basic terminal block and the coding tab is removed at the corresponding point of the plug



General data	
Material	
Description	Color
Coding star , with 4 coding branches, can be inserted in all basic terminal blocks	red

Technical data		
PC		
Ordering data		
Type	Order No.	Pcs./Pkt.
PC	3040588	50

CP ... connector housings

new

- Connector housing, for accommodating conductors with crimped module socket contacts
- As an alternative to the COMBI connectors, can be used in all plug-in 2.5 mm² terminal blocks of the CLIPLINE complete system, COMBI, see cross-reference list, page 270



		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Connector housing , for accommodating module socket contacts, partition width: 5.1 mm, 2-pos.	gray	CP 2,5/2	3061102	50
3-pos.	gray	CP 2,5/3	3061103	50
4-pos.	gray	CP 2,5/4	3061104	50
5-pos.	gray	CP 2,5/5	3061105	50
6-pos.	gray	CP 2,5/6	3061106	50
8-pos.	gray	CP 2,5/8	3061108	50
10-pos.	gray	CP 2,5/10	3061110	50
		Accessories		
Latching and strain relief systems , for CP... plugs	orange	CPSL	1069808	1
Latching , for CP... plugs	orange	CPL	1069807	1
Strain relief , for CP... plugs	orange	CPS	1069806	1

Cable housings for COMBI connectors

Notes:

For additional accessories, visit phoenixcontact.net/products.



- Robust cable housing for strain relief on connection cables
- Two-section housing
- Easy assembly
- Secure latching on the COMBI plugs and COMBI couplings provided
- Add, as with the connectors, without loss of pitch
- Additional scope for labeling to mark the connectors
- The conductor can be fixed using Phoenix Contact cable ties



Cable housing, 3- to 15-pos., snap-in to PP-H 1,5 plug and PPC 1,5 coupling

ERC

Technical data

PA

Ordering data

General data				Technical data		
Material				PA		
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
Cable housing, for PP-H 1,5... and PPC 1,5...						
	3	10.5 mm	gray	PH 1,5/S/3	3212756	50
	4	14 mm	gray	PH 1,5/S/4	3212769	50
	5	17.5 mm	gray	PH 1,5/S/5	3212772	50
	6	21 mm	gray	PH 1,5/S/6	3212785	25
	7	24.5 mm	gray	PH 1,5/S/7	3212798	25
	8	28 mm	gray	PH 1,5/S/8	3212808	25
	9	31.5 mm	gray	PH 1,5/S/9	3212811	25
	10	35 mm	gray	PH 1,5/S/10	3212824	25
	11	38.5 mm	gray	PH 1,5/S/11	3212837	10
	12	42 mm	gray	PH 1,5/S/12	3212840	10
	13	45.5 mm	gray	PH 1,5/S/13	3212853	10
	14	49 mm	gray	PH 1,5/S/14	3212866	10
	15	52.5 mm	gray	PH 1,5/S/15	3212879	10
Cable housing, for COMBI plugs SP-H ... and PP-H ...						
	2	10.4 mm	gray	PH 2,5/ 2	3209691	50
	3	15.6 mm	gray	PH 2,5/ 3	3209701	50
	4	20.8 mm	gray	PH 2,5/ 4	3209714	50
	5	26 mm	gray	PH 2,5/ 5	3209727	50
	6	31.2 mm	gray	PH 2,5/ 6	3209730	25
	7	36.4 mm	gray	PH 2,5/ 7	3209743	25
	8	41.6 mm	gray	PH 2,5/ 8	3209756	25
	9	46.8 mm	gray	PH 2,5/ 9	3209507	25
	10	52 mm	gray	PH 2,5/10	3209769	25
	11	57.2 mm	gray	PH 2,5/11	3209772	10
	12	62.4 mm	gray	PH 2,5/12	3209785	10
	13	67.6 mm	gray	PH 2,5/13	3209798	10
	14	72.8 mm	gray	PH 2,5/14	3209808	10
	15	78 mm	gray	PH 2,5/15	3209811	10
Cable housing, for PP-H 4... COMBI plugs						
	2	12.4 mm	gray	PH 4/2	3000734	50
	3	18.6 mm	gray	PH 4/3	3000736	50
	4	24.8 mm	gray	PH 4/4	3000737	50
	5	31 mm	gray	PH 4/5	3000738	50
	6	37.2 mm	gray	PH 4/6	3000739	25
	7	43.4 mm	gray	PH 4/7	3000740	25
	8	49.6 mm	gray	PH 4/8	3000741	25
	9	55.8 mm	gray	PH 4/9	3000742	25
	10	62 mm	gray	PH 4/10	3000743	25
Cable housing, for PP-H 6... COMBI plugs and PPCT 6/...						
	2	16.4 mm	gray	PH 6/2	3000680	25
	3	24.6 mm	gray	PH 6/3	3000681	25
	4	32.8 mm	gray	PH 6/4	3000682	25
	5	41 mm	gray	PH 6/5	3000683	25
	6	49.2 mm	gray	PH 6/6	3000684	10
	7	57.4 mm	gray	PH 6/7	3000685	10

Accessories for cable housings



Bend protection sleeve

General data

Material

Technical data

PA 6.6

Ordering data

Description	Color
Bend protection sleeve	black
	black
	black

Type	Order No.	Pcs./Pkt.
CPH 3-9	3212015	25
CPH 4-12	3212028	25
CPH 9-15	3000768	25

Accessories for cable housings



Cable clamp



Shield connection

General data

Material

Technical data

Steel, galvanized

Technical data

Metal

Ordering data

Type	Order No.	Pcs./Pkt.
HSR	3212031	25
HSR 6/8	3000769	25

Ordering data

Type	Order No.	Pcs./Pkt.
HSH-METALL	3210910	50
HSH-METALL-6/8	3000770	25

Cross-reference list Cable housing accessories

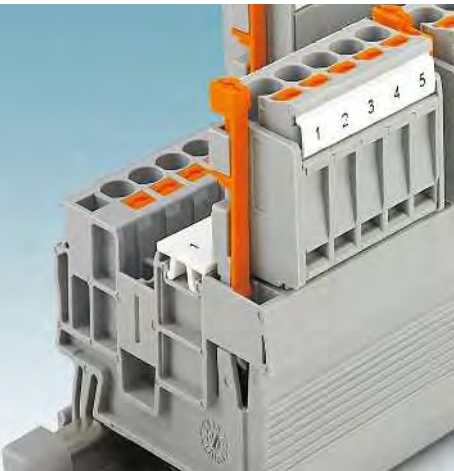
Accessories

Cable housing

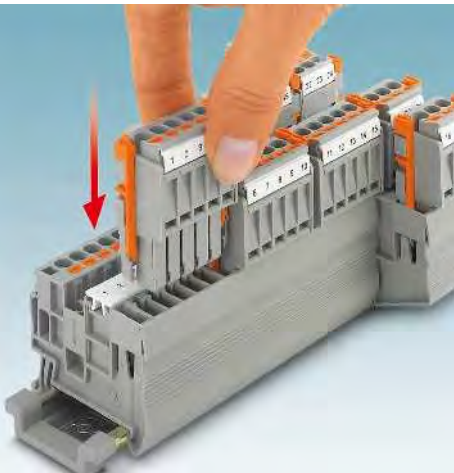
				CPH 3-9 Order No. 3212905		CPH 4-12 Order No. 3040614	
					Cable diameter [mm]		Cable diameter [mm]
	PH 1,5/S/3	3212756	Max. 6.6				
	PH 1,5/S/4	3212769	Max. 6.6				
	PH 1,5/S/5	3212772	Max. 12		3 ... 9		
	PH 1,5/S/6	3212785	Max. 12		3 ... 9		
	PH 1,5/S/7	3212798	Max. 12		3 ... 9		
	PH 1,5/S/8	3212808	Max. 12		3 ... 9		
	PH 1,5/S/9	3212811	Max. 15				4 ... 12
	PH 1,5/S/10	3212824	Max. 15				4 ... 12
	PH 1,5/S/11	3212837	Max. 15				4 ... 12
	PH 1,5/S/12	3212840	Max. 15				4 ... 12
	PH 1,5/S/13	3212853	Max. 15				4 ... 12
	PH 1,5/S/14	3212866	Max. 15				4 ... 12
	PH 1,5/S/15	3212879	Max. 15				4 ... 12
	PH 2,5/2	3209691	Max. 6.6				
	PH 2,5/3	3209701	Max. 12				
	PH 2,5/4	3209714	Max. 12		3 ... 9		
	PH 2,5/5	3209727	Max. 12		3 ... 9		
	PH 2,5/6	3209730	Max. 15				4 ... 12
	PH 2,5/7	3209743	Max. 15				4 ... 12
	PH 2,5/8	3209756	Max. 15				4 ... 12
	PH 2,5/9	3209507	Max. 15				4 ... 12
	PH 2,5/10	3209769	Max. 15				4 ... 12
	PH 2,5/11	3209772	Max. 15				4 ... 12
	PH 2,5/12	3209785	Max. 15				4 ... 12
	PH 2,5/13	3209798	Max. 15				4 ... 12
	PH 2,5/14	3209808	Max. 15				4 ... 12
	PH 2,5/15	3209811	Max. 15				4 ... 12
	PH 4/2	3000734	Max. 8.8				
	PH 4/3	3000736	Max. 14.95				
	PH 4/4	3000737	Max. 18.4				
	PH 4/5	3000738	Max. 18.4				
	PH 4/6	3000739	Max. 18.4				
	PH 4/7	3000740	Max. 18.4				
	PH 4/8	3000741	Max. 18.4				
	PH 4/9	3000742	Max. 18.4				
	PH 4/10	3000743	Max. 18.4				
	PH 6/2	3000680	Max. 12.8				
	PH 6/3	3000681	Max. 18.4				
	PH 6/4	3000682	Max. 18.4				
	PH 6/5	3000683	Max. 18.4				
	PH 6/6	3000684	Max. 18.4				
	PH 6/7	3000685	Max. 18.4				

CPH 9-15 Order No. 3000768		HSR Order No. 3212031		HSR 6/8 Order No. 3000769		HSH-METALL Order No. 3210910	HSH-METALL-6/8 Order No. 3000770
	Cable diameter [mm]		Cable diameter [mm]		Cable diameter [mm]		
			9 ... 10				
			9 ... 10				
			9 ... 10				
			9 ... 10				
			9 ... 10				
			9 ... 10				
			9 ... 10				
			9 ... 10				
			10 ... 13				
			10 ... 13				
			10 ... 13				
			10 ... 13				
			10 ... 13				
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			10 ... 13				
			10 ... 13				
			10 ... 13				
	9 ... 15						
	9 ... 15						
	9 ... 15						
	9 ... 15				12 ... 14		
	9 ... 15				12 ... 14		
	9 ... 15				12 ... 14		
	9 ... 15				12 ... 14		
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	9 ... 15				13 ... 15		
	9 ... 15				13 ... 15		

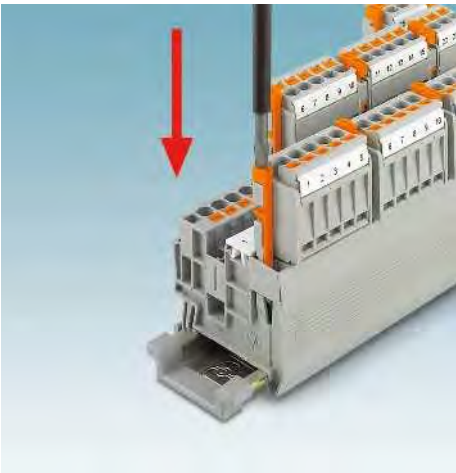
Self-locking flange covers



- The secure latching protects the connectors from coming loose by mistake.
- The **self-locking flanges** are snapped onto the DIN rail directly
 - Same shape and pitch as the basic terminal blocks
 - Due to the offset arrangement of the locking holes, only one self-locking flange is required between two neighboring connectors
 - The **self-locking flange covers** can be snapped onto the connector housing later on
 - Automatic latching in self-locking flange



- When connecting, the plugs latch automatically in the self-locking flange



- The plug is released again by pressing down the locking hook with a screwdriver

General data	
Insulating material	

Description	Color
Self-locking flange cover, for SPB 2,5	gray
Self-locking flange cover, for SPDB 2,5	gray
Self-locking flange cover, for SP-H 2,5... and PP 2,5..., PP-H 2,5...	gray
Self-locking flange, for ST-COMBI and PT-COMBI terminal blocks when using SPB 2,5..., SPDB 2,5..., SP-H 2,5..., and PP-H 2,5 connectors, for ST 2,5/1P, ST 2,5/1P-PE, PT 2,5/1P, PT 2,5/1P-PE	gray
for ST 2,5-TWIN/1P, ST 2,5-TWIN/1P-PE, PT 2,5-TWIN/1P, PT 2,5-TWIN/1P-PE	gray
for ST 2,5-QUATTRO/2P, ST 2,5-QUATTRO/2P-PE, PT 2,5-QUATTRO/2P, PT 2,5-QUATTRO/2P-PE	gray
for ST 2,5-QUATTRO/4P, ST 2,5-QUATTRO/4P-PE	gray
for ST 2,5/2P, ST 2,5/2P-PE	gray
for STTB 2,5/2P, STTB 2,5/2P-PE, PTTB 2,5/2P, PTTB 2,5/2P-PE	gray



Self-locking flange cover



Self-locking flange

EAC

Technical data		
-		
Ordering data		
Type	Order No.	Pcs./Pkt.
DFS-SPB 2,5	3061444	50
DFS-SPDB 2,5	3061457	50
DFS-SP-H 2,5	3061431	50

Technical data		
PA		
Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5/1P-FS	3061376	50
ST 2,5-TWIN/1P-FS	3061389	50
ST 2,5-QUATTRO/2P-FS	3061392	50
ST 2,5-QUATTRO/4P-FS	3061402	50
ST 2,5/2P-FS	3061415	50
STTB 2,5/2P-FS	3061428	50



Screw flange



Screw flange



Screw flange

ERC

Technical data		
0.4 - 0.5 PA		
Ordering data		
Type	Order No.	Pcs./Pkt.
UT 2,5/1P-F	3060445	50
UT 2,5-TWIN/1P-F	3061172	50
UTTB 2,5/2P-F	3060474	50
UT 4/ 1P-F	3060458	50
UT 4-TWIN/ 1P-F	3060322	50
UT 4-QUATTRO/ 2P-F	3060335	50
UT 6-QUATTRO/2P-F	3060843	50

ERC

Technical data		
0.4 - 0.5 PA		
Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5/1P-F	3209837	50
ST 2,5/2P-F	3061198	50
ST 2,5-TWIN/1P-F	3209840	50
ST 2,5-QUATTRO/2P-F	3209853	50
ST 2,5-QUATTRO/4P-F	3061208	50
STTB 2,5/2P-F	3061169	50

ERC

Technical data		
0.4 - 0.5 PA		
Ordering data		
Type	Order No.	Pcs./Pkt.
QTC 1,5/1P-F	3061211	50
QTTCB 1,5/ 2P-F	3061185	50