

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:



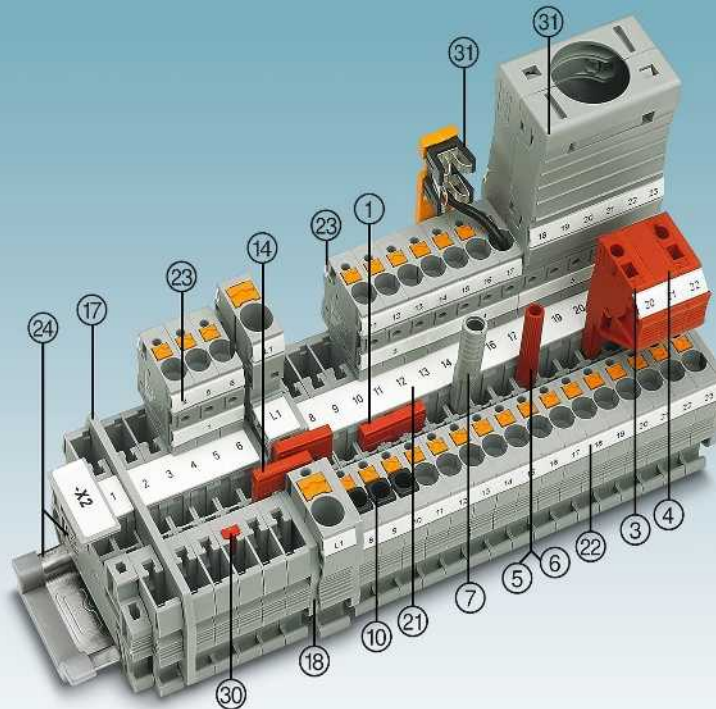
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

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



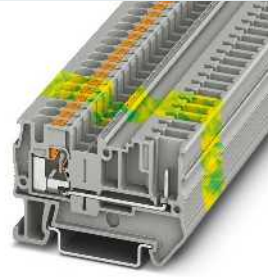
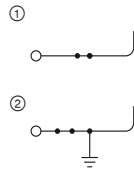
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① Bridge ¹⁾	2	red	FBS 2-6	3030336	50	FBSR 2-6	3033715	50
	3	red	FBS 3-6	3030242	50	FBSR 3-6	3001594	50
	4	red	FBS 4-6	3030255	50	FBSR 4-6	3001595	50
	5	red	FBS 5-6	3030349	50	FBSR 5-6	3001596	50
	10	red	FBS 10-6	3030271	10	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			
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		gray	ISH 4/0,5	3002885	50			
0.75 - 1 mm ²		black	ISH 4/1,0	3002898	50			
⑳ 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.
㉑ Center groove labeling	UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables, from page 60.
㉒ Center and side groove labeling	UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.
㉓ Lateral groove labeling	UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables, from page 60.
㉔ DIN rail and end bracket	See Catalog 3
㉕ 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

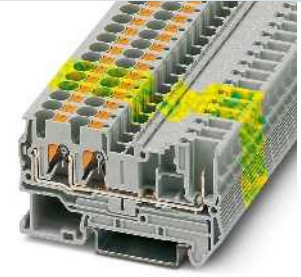
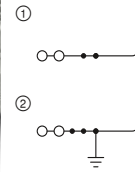


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	56	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.2 - 6	24-10
	32 (FBS) / 22 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	-	-
Nominal current / cross section	32 ²⁾ / 4			

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	

Accessories ¹⁾		
D-ST 4	Order No.	Pcs./Pkt.
D-ST 4	3030420	50

Maximum bridge current	[A]	32 (FBS) / 22 (FBSR)
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	32 ²⁾ / 4
Description	Color	
Terminal block	gray	
Ground terminal	blue	
	green-yellow	
Cover, width: 2.2 mm	gray	



32 A, feed-through terminal block, 3 connections



Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	66.4	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.2 - 6	24-10
	32 (FBS) / 22 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	600	-
Nominal current / cross section	32 / 4			

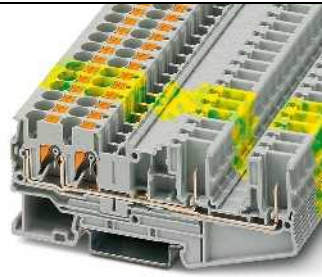
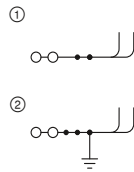
Ordering data			
Type	Order No.	Pcs./Pkt.	
PT 4-TWIN/1P	① 3212200	50	
PT 4-TWIN/1P BU	① 3212201	50	
PT 4-TWIN/1P-PE	② 3212202	50	

Accessories ¹⁾		
D-PT 4-TWIN/1P	Order No.	Pcs./Pkt.
D-PT 4-TWIN/1P	3212203	50

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

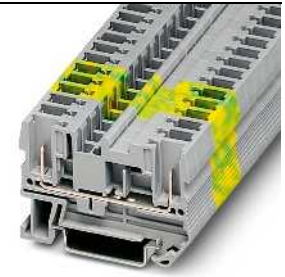
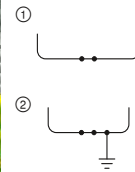


Technical data ¹⁾				
Dimensions	Width	Length	Height	
	6.2	92.1	36.5 (NS 35/7,5)	
Maximum electrical data	I_{max} [A]	U_{max} [V]	max. Ø [mm ²]	AWG (UL)
	32 ²⁾	800	0.2 - 6	24-10
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	600	600	-
Nominal current / cross section	32 ²⁾ / 4			
Cross section 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	

Accessories ¹⁾		
D-PT 4-QUATTRO/2P	Order No.	Pcs./Pkt.
D-PT 4-QUATTRO/2P	3209277	50

Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)
Rated voltage	[V]	800
Nominal current / cross section	[A] / [mm ²]	32 ²⁾ / 4
Cross section range	AWG	24 - 10
Description	Color	
Terminal block	gray	
Ground terminal	blue	
	green-yellow	
Cover, width: 2.2 mm	gray	



32 A, feed-through terminal block



Technical data ¹⁾				
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 [mm ²]	AWG (UL)
	32 ²⁾	800	0.08 - 6	-
	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
	800	-	-	-
Nominal current / cross section	32 ²⁾ / 4			
Cross section range	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	

Accessories ¹⁾		
D-ST 4	Order No.	Pcs./Pkt.
D-ST 4	3030420	50

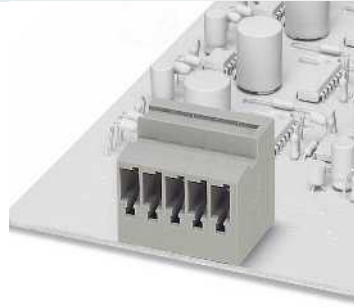
Terminal blocks – CLIPLINE complete

4 mm² COMBI PT plug-in connection solutions

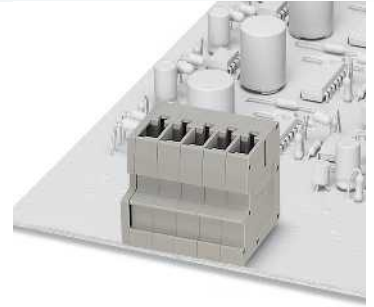
COMBI headers for PCB connection

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	Width	Length	Height
	14.45	25.1	29.45
Maximum electrical data	$I_{max.}$ [A]		max. \varnothing [mm ²] AWG (UL)
	32		-
Rated data	IEC	UL	CSA IEC/EN 60079-7
Rated voltage [V]	-	600	-
Nominal current / cross section [A] / [mm ²]	32 / 4	20 / -	-
Rated cross section [mm ²]	4	-	-
General data	Insulating material PA		
Flammability rating in accordance with UL 94	V0		



Technical data

Dimensions	Width	Length	Height
	12.4	26	25.1
Maximum electrical data	$I_{max.}$ [A]		max. \varnothing [mm ²] AWG (UL)
	32		-
Rated data	IEC	UL	CSA IEC/EN 60079-7
Rated voltage [V]	-	600	-
Nominal current / cross section [A] / [mm ²]	32 / 4	20 / -	-
Rated cross section [mm ²]	4	-	-
General data	Insulating material PA		
Flammability rating in accordance with UL 94	V0		

Ordering data

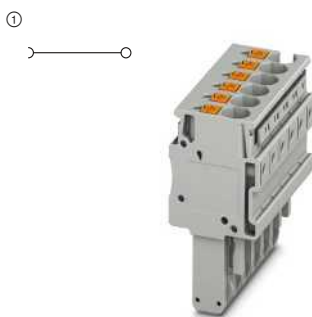
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	14.45 mm	gray	ST 4-PCB/ 2-G-6,2	1980598	50
	3	20.65 mm	gray	ST 4-PCB/ 3-G-6,2	1980608	50
	4	26.85 mm	gray	ST 4-PCB/ 4-G-6,2	1980611	50
	5	33.05 mm	gray	ST 4-PCB/ 5-G-6,2	1980624	50
	6	39.25 mm	gray	ST 4-PCB/ 6-G-6,2	1980637	50
	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

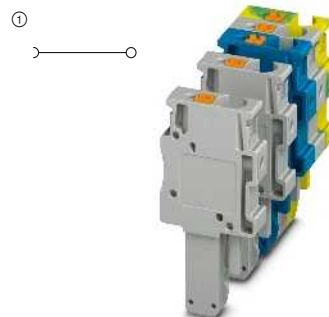
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	ST 4-PCBV/ 2-G-6,2	1980705	50
	3	18.6 mm	gray	ST 4-PCBV/ 3-G-6,2	1980718	50
	4	24.8 mm	gray	ST 4-PCBV/ 4-G-6,2	1980721	50
	5	31 mm	gray	ST 4-PCBV/ 5-G-6,2	1980734	50
	6	37.2 mm	gray	ST 4-PCBV/ 6-G-6,2	1980747	50
	7	43.4 mm	gray	ST 4-PCBV/ 7-G-6,2	1980750	50
	8	49.6 mm	gray	ST 4-PCBV/ 8-G-6,2	1980763	50
	9	55.8 mm	gray	ST 4-PCBV/ 9-G-6,2	1980776	50
	10	62 mm	gray	ST 4-PCBV/10-G-6,2	1980789	50
	11	68.2 mm	gray	ST 4-PCBV/11-G-6,2	1980792	50
	12	74.4 mm	gray	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	-	-
Nominal current / cross section	[A] / [mm ²]	32 ²⁾ / 4	28 / -

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

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⁾

Accessories	Order No.	Pcs./Pkt.
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⁾

Accessories	Order No.	Pcs./Pkt.
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
COMBI connector, left element	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
COMBI connector, right element	1	6.2 mm	gray
	1	6.2 mm	green-yellow

Accessories	Color
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