

# UT screw connection

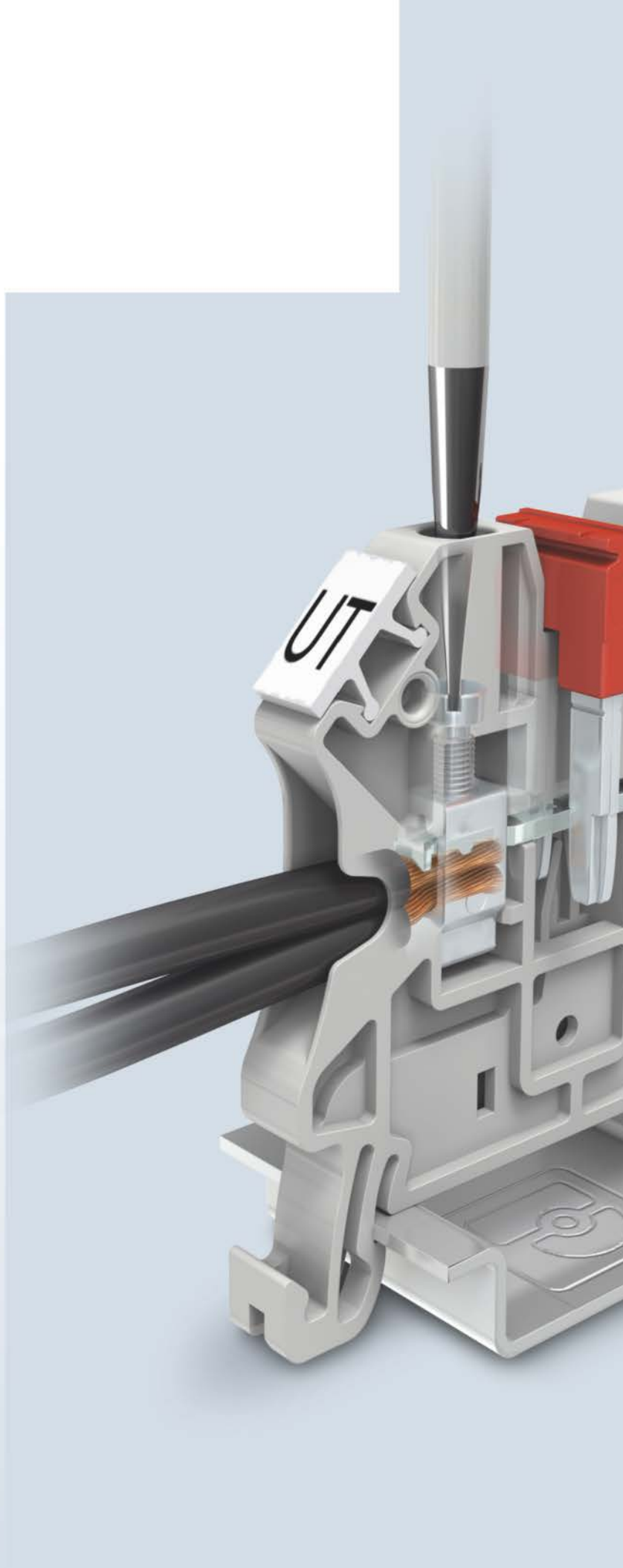
CLIPLINE complete

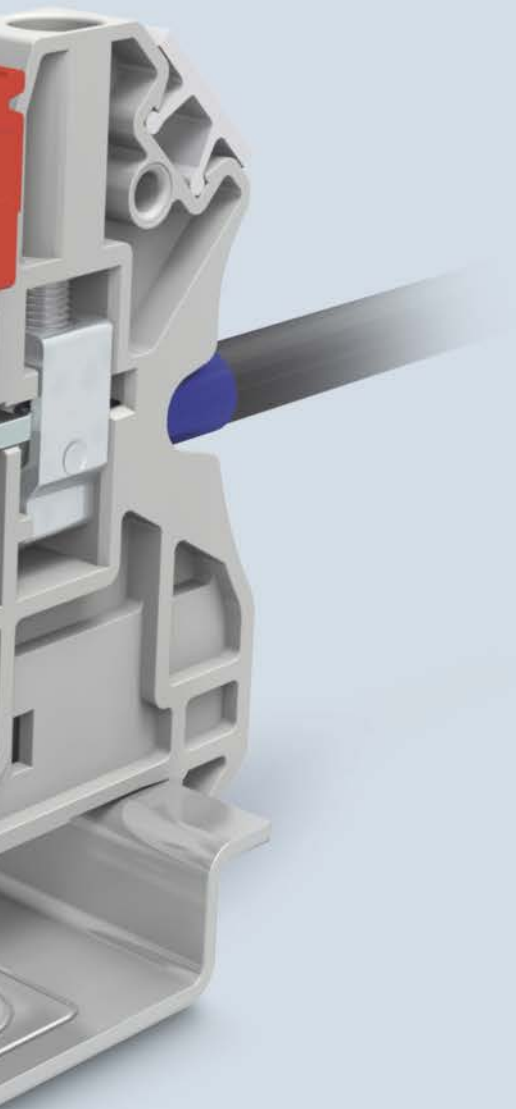
# UT screw connection

Universal in every application. This characterizes the UT screw connection terminal blocks from the CLIPLINE complete system. They meet the highest requirements, impress with their maintenance-free conductor connection, and offer maximum flexibility with their multi-conductor connection.

You can connect conductors with a nominal cross section either with or without ferrules. It is not necessary to tighten the terminal block screws, since they are prevented from loosening by the Reakdyn principle, a screw locking technique developed by Phoenix Contact.

Very large conductor cross sections up to 240 mm<sup>2</sup> can also be wired gas-tight and with long-term stability thanks to the high contact forces.





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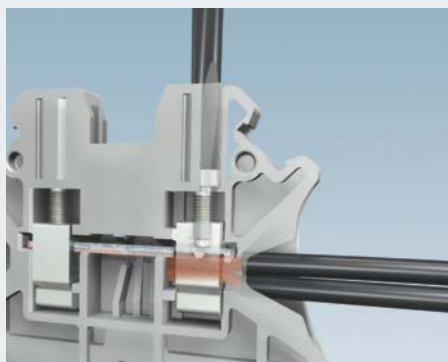
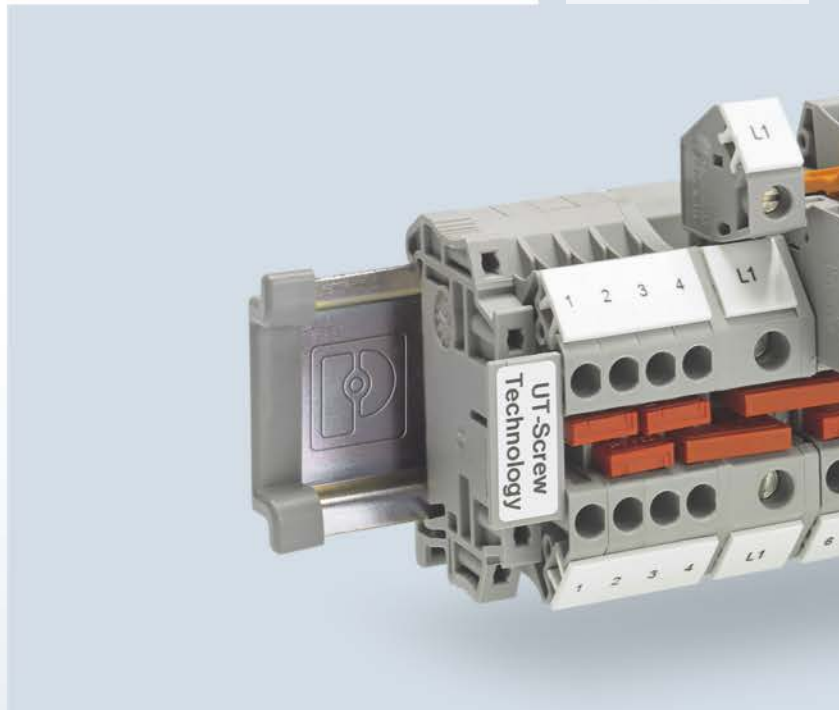
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# Universal in every application – UT screw connection terminal blocks



The UT screw terminal block series is the only one of its kind on the market and combines the advantages of screw connection technology with the benefits of spring-loaded contacts. The snap-on PE foot and standardized bridges save a considerable amount of time when creating terminal strips.



## Universal and maintenance-free

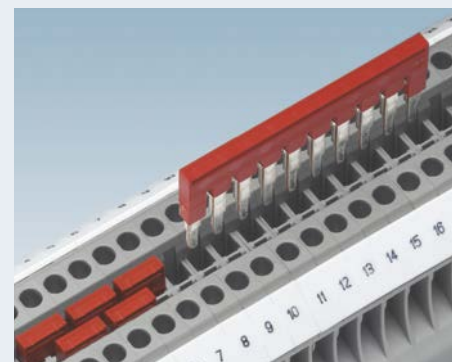
The screw connection is characterized by three main features.

- Metals made of high-strength copper alloys
- Simple multi-conductor connection
- Maintenance-free “Reakdyn principle”



## Snap-fit PE terminal block

Ground terminal blocks of the same shape are simply snapped onto the DIN rail to make contact. This correct mechanical and electrical contacting meets all the requirements of standard IEC 60947-7-2.

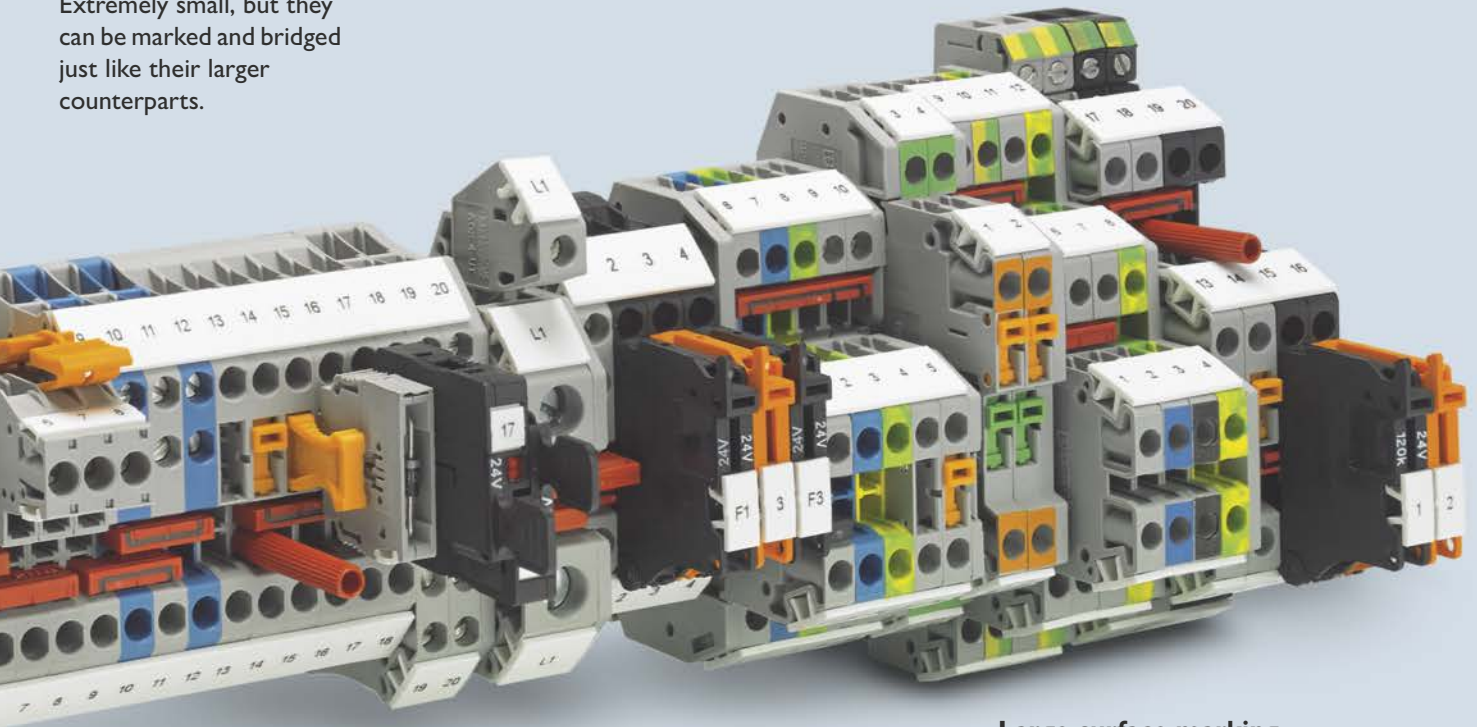


## Flexible bridge system

To allow fast and individual potential distribution, the terminal blocks in the CLIPLINE complete system have two function shafts. These are arranged in one line over all the terminal blocks, allowing for a combination of connection technologies. This makes it possible to implement all the tasks of potential bridging within a very short time.

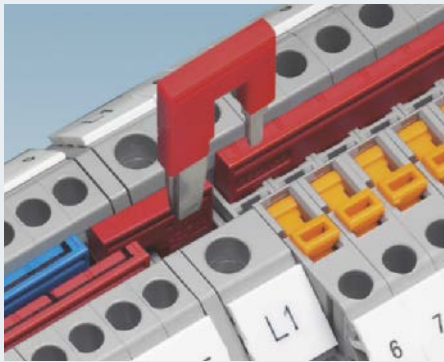
## MUT miniature modular terminal blocks

Extremely small, but they can be marked and bridged just like their larger counterparts.



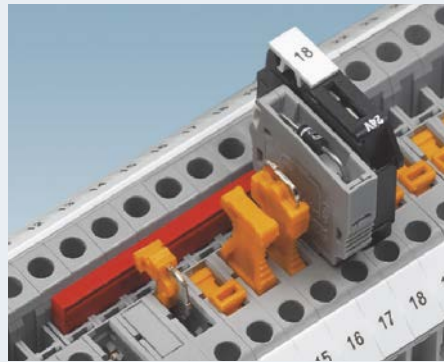
### Large-surface marking

Each terminal point supports clear, large-surface marking to ensure the best possible overview of the control cabinet.



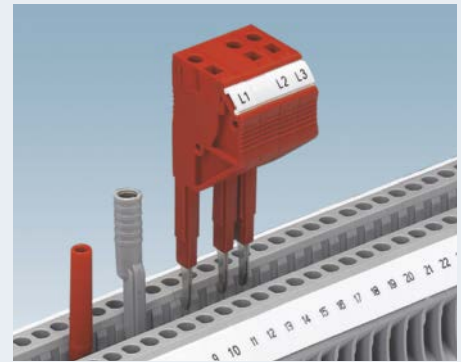
### Easy potential distribution

The reducing bridge allows terminal blocks with different nominal cross sections to be connected with ease. It can be used to quickly create power blocks, e.g., a 10 mm<sup>2</sup> terminal block with a 4-mm<sup>2</sup> terminal block, regardless of the connection technology.



### Multifunctional disconnect zone







All disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. The disconnect zone accommodates various connectors such as fuse connectors, component connectors, and isolating connectors.



### Standardized test system



All test connectors in the system make contact in the freely accessible function shaft. For individual test leads, a 2.3 mm diameter test connector is available. More complex testing tasks can be implemented using alignable test connectors. Test adapters can be assembled individually and are perfectly suited for use in test laboratories.

## Two-conductor terminal blocks

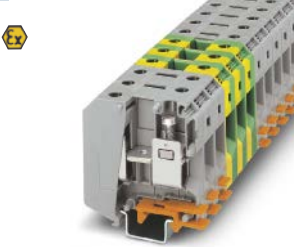

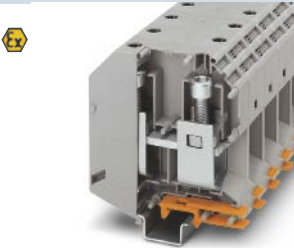

								
Type	Order No.	Gray Blue Green-yellow Orange Red Black	UT 2,5 UT 2,5 BU UT 2,5-PE UT 2,5 OG UT 2,5 RD UT 2,5 BK	3044076 3044089 3044092 3045046 3045062 3045088	UT 4 UT 4 BU UT 4-PE UT 4 OG UT 4 RD UT 4 BK	3044102 3044115 3044128 3045101 3045127 3045143	UT 6 UT 6 BU UT 6-PE UT 6 OG UT 6 RD UT 6 BK	3044131 3044144 3044157 3045169 3045185 3045208
Width / length / height		[mm]	5.2 / 47.7 / 47.5	6.2 / 47.7 / 47.5	8.2 / 47.7 / 47.5			
Current / voltage // UL		[A] / [V]	32 / 1000 // 20 / 600	41 / 1000 // 30 / 600	57 / 1000 // 50 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12	0.25 - 6 / 22 - 10			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	0.2 - 2.5 / 0.2 - 2.5			
... PE/S = with screwfix								
								
Type	Order No.	Gray Blue Green-yellow Green-yellow Orange Red Black	UT 10 UT 10 BU UT 10-PE UT 10-PE/S UT 10 OG UT 10 RD UT 10 BK	3044160 3044188 3044173 3215054 3046281 3046304 3046320	UT 16 UT 16 BU UT 16-PE UT 16-PE/S	3044199 3044209 3044212 3215915	UT 35 UT 35 BU UT 35-PE* UT 35-PE/S*	3044225 3044238 3044241 3215928
Width / length / height		[mm]	10.2 / 47.7 / 47.5	12.2 / 55.5 / 55	16.0 / 60.2 / 65.7			
Current / voltage // UL		[A] / [V]	76 / 1000 // 65 / 600	101 / 1000 // 85 / 600	150 / 1000 // 150 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.5 - 16 / 20 - 6 // 0.5 - 16 / 20 - 6	1.5 - 25 / 16 - 4 // 1.5 - 25 / 16 - 4	1.5 - 50 / 16 - 1/0 // 1.5 - 50 / 16 - 1/0			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.5 - 10 / 20 - 8	1.0 - 16 / 18 - 6	1.5 - 35 / 16 - 2			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.5 - 4 / 0.5 - 4	1.0 - 6 / 1.0 - 6	1.5 - 16 / 1.5 - 10			

## Pick-off terminal blocks

The fully insulated and optional pick-off terminal blocks enable a voltage tap up to a nominal voltage of 1000 V (4 mm<sup>2</sup>).




					
Type	Order No.	Gray Gray Gray	AGK 4-UT 10 AGK 4-UT 16 AGK 4-UT 35	3047112 3047125 3047138	
Current / voltage		[A] / [V]	32 / 1000		
Solid / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10		
Stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		


## High-current terminal blocks

								
Type	Order No.	Gray Blue Green-yellow	UKH 50 UKH 50 BU USLKG 50* * Diverging data Solid / AWG // stranded / AWG: 16 - 50 / 6 - 1/0 // 25 - 50 / 3 - 1/0	3009118 3009105 0443049	UKH 70 UKH 70 BU UKH 70-PE/S* * Diverging data Solid / AWG // stranded / AWG: 16 - 70 / 4 - 2/0 // 25 - 70 / 3 - 2/0	3213140 3244601 3213141	UKH 95 UKH 95 BU USLKG 95* * Diverging data Solid / AWG // stranded / AWG: 25 - 95 / 4 - 3/0 // 25 - 95 / 4 - 3/0	3010013 3010136 0441041
Width / length / height		[mm]	20 / 75.5 / 83.5	20.3 / 70.5 / 87.5	25 / 83 / 97.5			
Current / voltage // UL		[A] / [V]	150 / 1000 // 150 / 600	192 / 1000 // 192 / 1000	232 / 1000 // 230 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	16 - 70 / 6 - 2/0 // 25 - 70 / 3 - 2/0	16 - 95 / 4 - 3/0 // 25 - 70 / 3 - 2/0	25 - 95 / 4 - 3/0 // 35 - 95 / 2 - 3/0			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	25 - 50 / 3 - 1/0	16 - 70 / 4 - 2/0	35 - 95 / 2 - 3/0			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	10 - 16 / 10 - 16	16 - 25 / 16 - 25	25 - 35 / 25 - 35			
								
Type	Order No.	Gray Blue	UKH 150 UKH 150 BU	UKH 240 UKH 240 BU				
Width / length / height		[mm]	31 / 100 / 118.5	36 / 100 / 131.5				
Current / voltage // UL		[A] / [V]	309 / 1000 // 285 / 600	415 / 1000 // 380 / 600				
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	35 - 150 / 2 - 300 kcmil // 50 - 150 / 1/0 - 300 kcmil	70 - 240 / 2/0 - 500 kcmil // 70 - 240 / 2/0 - 500 kcmil				
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	50 - 150 / 1/0 - 300 kcmil	70 - 185 / 2/0 - 350 kcmil				
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	25 - 50 / 35 - 50	35 - 95 / 50 - 95				











## Pick-off terminal blocks

The fully insulated and optional pick-off terminal blocks enable a voltage tap up to a nominal voltage of 1000 V (10 mm<sup>2</sup>).

					
Type	Order No.	Gray Gray Gray	AGK 10-UKH 50 AGK 10-UKH 95 AGK 10-UKH 150/240	3001763 3003541 3003554	
Current / voltage		[A] / [V]	76 / 1000		
Solid / AWG		[mm <sup>2</sup> ] / -	0.5 - 10 / 20 - 8		
Stranded / AWG		[mm <sup>2</sup> ] / -	0.5 - 10 / 20 - 8		
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.5 - 4 / 0.5 - 4		











 More detailed information on modular terminal blocks in the Ex "e" and "m" area is available on the Internet at phoenixcontact.com as a download for the approved products.

## High-current terminal blocks for DIN rail mounting

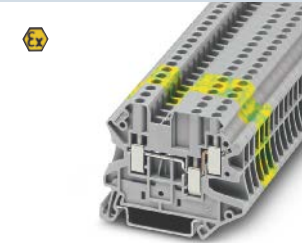
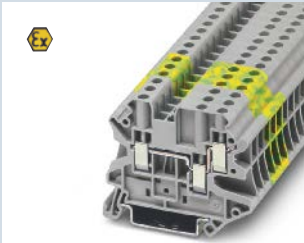
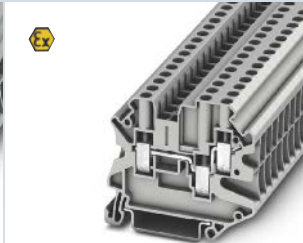
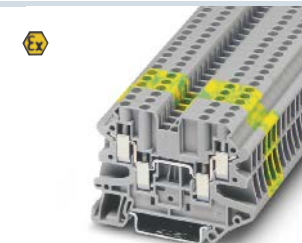
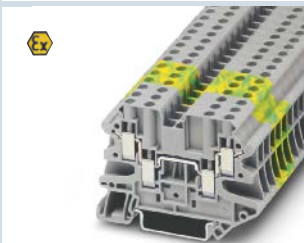

							
Type	Order No. 3 x gray 3 x gray, 1 x blue	UKH 50-3L UKH 50-3L/N	3076634 3076635	UKH 70-3L UKH 70-3L/N	3076329 3076361	UKH 95-3L UKH 95-3L/N	3076332 3076374
Width / length / height	[mm]	60 / 75.5 / 83.5		60.9 / 70.5 / 87.5		75 / 82.8 / 97.5	
Current / voltage // UL	[A] / [V]	150 / 1000 // - / -		192 / 1000 // - / -		232 / 1000 // 230 / 600	
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	16 - 70 / 6 - 2/0 // 25 - 70 / 3 - 2/0		16 - 95 / 4 - 3/0 // 25 - 70 / 3 - 2/0		25 - 95 / 4 - 3/0 // 35 - 95 / 2 - 3/0	
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	25 - 50 / 3 - 1/0		16 - 70 / 4 - 2/0		35 - 95 / 2 - 3/0	
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	10 - 16 / 10 - 16		16 - 25 / 16 - 25		25 - 35 / 25 - 35	
							
Type	Order No. 3 x gray, 1 x black-yellow 3 x gray, 1 x blue, 1 x black-yellow	UKH 50-3L/FE UKH 50-3L/N/FE	3076636 3076637	UKH 70-3L/FE UKH 70-3L/N/FE	3076400 3076442	UKH 95-3L/FE UKH 95-3L/N/FE	3076413 3076455
Width / length / height	[mm]	80 / 75.5 / 83.5		81.2 / 70.5 / 87.5		100 / 83 / 97.5	
Current / voltage // UL	[A] / [V]	150 / 1000 // - / -		192 / 1000 // - / -		232 / 1000 // 230 / 600	
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	16 - 70 / 6 - 2/0 // 25 - 70 / 3 - 2/0		16 - 95 / 4 - 3/0 // 25 - 70 / 3 - 2/0		25 - 95 / 3 - 3/0 // 35 - 95 / 2 - 2/0	
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	25 - 50 / 3 - 1/0		16 - 70 / 4 - 2/0		35 - 95 / 2 - 3/0	
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	10 - 16 / 10 - 16		16 - 25 / 16 - 25		25 - 35 / 25 - 35	
							
Type	Order No. 3 x gray 3 x gray, 1 x blue	UKH 150-3L UKH 150-3L/N	3076345 3076387	UKH 240-3L UKH 240-3L/N	3076358 3076390		
Width / length / height	[mm]	93 / 100 / 118.5		108 / 100 / 131.5			
Current / voltage // UL	[A] / [V]	309 / 1000 // 285 / 600		415 / 1000 // 380 / 600			
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	35 - 150 / 2 - 300 kcmil // 50 - 150 / 1/0 - 300 kcmil		70 - 240 / 2/0 - 500 kcmil // 70 - 240 / 2/0 - 500 kcmil			
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	50 - 150 / 1/0 - 300 kcmil		70 - 185 / 2/0 - 350 kcmil			
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	25 - 50 / 35 - 50		35 - 95 / 50 - 95			
							
Type	Order No. 3 x gray, 1 x black-yellow 3 x gray, 1 x blue, 1 x black-yellow	UKH 150-3L/FE UKH 150-3L/N/FE	3076426 3076468	UKH 240-3L/FE UKH 240-3L/N/FE	3076439 3076471		
Width / length / height	[mm]	124 / 100 / 118.5		144 / 100 / 131.5			
Current / voltage // UL	[A] / [V]	309 / 1000 // 285 / 600		415 / 1000 // 380 / 600			
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	35 - 150 / 2 - 300 kcmil // 50 - 150 / 1/0 - 300 kcmil		70 - 240 / 2/0 - 500 kcmil // 70 - 240 / 2/0 - 500 kcmil			
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	50 - 150 / 1/0 - 300 kcmil		70 - 185 / 2/0 - 350 kcmil			
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	25 - 50 / 35 - 50		35 - 95 / 50 - 95			



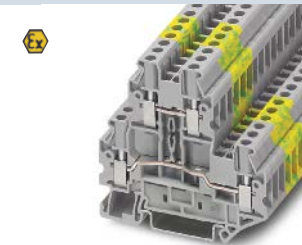
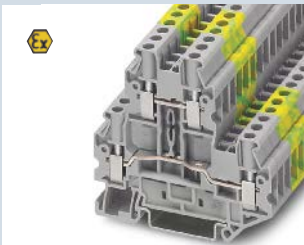
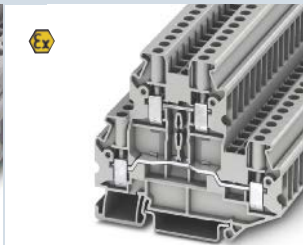
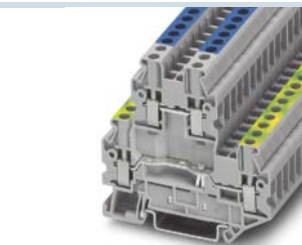
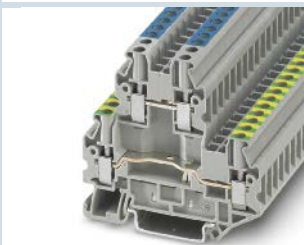
## High-current terminal blocks for direct mounting

								
Type	Order No.	1 x gray 3 x gray 3 x gray, 1 x blue	UKH 50-F UKH 50-3L-F UKH 50-3L/N-F	3247019 3076638 3076639	UKH 70-F UKH 70-3L-F UKH 70-3L/N-F	3247051 3076484 3076523	UKH 95-F UKH 95-3L-F UKH 95-3L/N-F	3247022 3076497 3076536
Width / length / height		[mm]	20 / 103.4 / 76		20.3 / 103.4 / 80		25 / 118.8 / 90	
Current / voltage // UL		[A] / [V]	150 / 1000 // - / -		192 / 1000 // - / -		232 / 1000 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	16 - 70 / 6 - 2/0 // 25 - 70 / 3 - 2/0		16 - 70 / 4 - 2/0 // 25 - 70 / 3 - 2/0		25 - 95 / 4 - 3/0 // 35 - 95 / 2 - 3/0	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	25 - 50 / 3 - 1/0		16 - 70 / 4 - 2/0		35 - 95 / 2 - 3/0	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	10 - 16 / 10 - 16		16 - 25 / 16 - 25		25 - 35 / 25 - 35	
								
Type	Order No.	3 x gray, 1 x black-yellow 3 x gray, 1 x blue, 1 x black-yellow	UKH 50-3L/FE-F UKH 50-3L/N/FE-F	3076640 3076641	UKH 70-3L/FE-F UKH 70-3L/N/FE-F	3076565 3076604	UKH 95-3L/FE-F UKH 95-3L/N/FE-F	3076578 3076617
Width / length / height		[mm]	80 / 103.4 / 76		81.2 / 103.4 / 80		100 / 118.8 / 90	
Current / voltage // UL		[A] / [V]	150 / 1000 // - / -		192 / 1000 // - / -		232 / 1000 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	16 - 70 / 6 - 2/0 // 25 - 70 / 3 - 2/0		16 - 95 / 4 - 3/0 // 25 - 70 / 3 - 2/0		25 - 95 / 3 - 3/0 // 35 - 95 / 2 - 2/0	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	25 - 50 / 3 - 1/0		16 - 70 / 4 - 2/0		35 - 95 / 2 - 2/0	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	10 - 16 / 10 - 16		16 - 25 / 16 - 25		25 - 35 / 25 - 35	
								
Type	Order No.	1 x gray 3 x gray 3 x gray, 1 x blue	UKH 150-F UKH 150-3L-F UKH 150-3L/N-F	3247035 3076507 3076549	UKH 240-F UKH 240-3L-F UKH 240-3L/N-F	3247048 3076510 3076552		
Width / length / height		[mm]	31 / 136.1 / 111		36 / 136.1 / 124			
Current / voltage // UL		[A] / [V]	309 / 1000 // 285 / 600		415 / 1000 // 380 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	35 - 150 / 2 - 300 kcmil // 50 - 150 / 1/0 - 300 kcmil		70 - 240 / 2/0 - 500 kcmil // 70 - 240 / 2/0 - 500 kcmil			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	50 - 150 / 1/0 - 300 kcmil		70 - 185 / 2/0 - 350 kcmil			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	25 - 50 / 35 - 50		35 - 95 / 50 - 95			
								
Type	Order No.	3 x gray, 1 x black-yellow 3 x gray, 1 x blue, 1 x black-yellow	UKH 150-3L/FE-F UKH 150-3L/N/FE-F	3076581 3076620	UKH 240-3L/FE-F UKH 240-3L/N/FE-F	3076594 3076633		
Width / length / height		[mm]	124 / 136.1 / 111		144 / 136.1 / 124			
Current / voltage // UL		[A] / [V]	309 / 1000 // 285 / 600		415 / 1000 // 380 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	35 - 150 / 2 - 300 kcmil // 50 - 150 / 1/0 - 300 kcmil		70 - 240 / 2/0 - 500 kcmil // 70 - 240 / 2/0 - 500 kcmil			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	50 - 150 / 1/0 - 300 kcmil		70 - 185 / 2/0 - 350 kcmil			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	25 - 50 / 35 - 50		35 - 95 / 50 - 95			

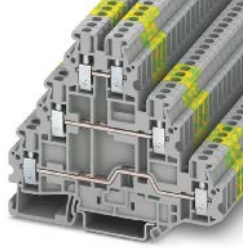
## Multi-conductor terminal blocks

					
Type	Order No.	Gray Blue Green-yellow	UT 2,5-TWIN UT 2,5-TWIN BU UT 2,5-TWIN-PE	UT 4-TWIN UT 4-TWIN BU UT 4-TWIN-PE	UT 4-TWIN HV
			3044513 3044526 3044539	3044364 3044500 3044380	3000608
Width / length / height		[mm]	5.2 / 57.8 / 47.5	6.2 / 57.8 / 47.5	6.2 / 57.8 / 50
Current / voltage // UL		[A] / [V]	30 / 500 // 20 / 150	41 / 500 // 30 / 150	39 / 1000 // 30 / 600
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
					
Type	Order No.	Gray Blue Green-yellow	UT 2,5-QUATTRO UT 2,5-QUATTRO BU UT 2,5-QUATTRO-PE	UT 4-QUATTRO UT 4-QUATTRO BU UT 4-QUATTRO-PE	UT 4-QUATTRO HV UT 4-QUATTRO HV BU
			3044542 3044555 3044568	3044571 3044584 3044597	3048823 3048836
Width / length / height		[mm]	5.2 / 65.4 / 47.5	6.2 / 65.4 / 47.5	6.2 / 65.4 / 50
Current / voltage // UL		[A] / [V]	30 / 500 // 20 / 150	39 / 500 // 30 / 150	37 / 1000 // 30 / 600
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5

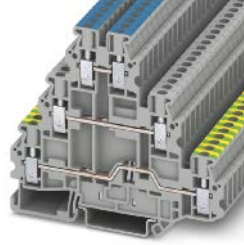
## Double-level terminal blocks

...-PV = with equipotential bonding						
						
Type	Order No.	Gray Blue Gray Green-yellow	UTT 2,5 UTT 2,5 BU UTT 2,5-PV UTT 2,5-PE	UTT 4 UTT 4 BU UTT 4-PV UTT 4-PE	UTT 4 HV	
			3044636 3044649 3044652 3044665	3044814 3044791 3044733 3044759	3000610	
Width / length / height		[mm]	5.2 / 69.9 / 65	6.2 / 69.9 / 65	6.2 / 75.6 / 65	
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600	30 / 800 // 30 / 600	30 / 1000 // 30 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12	0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	
						
Type	Order No.	Gray/green-yellow Blue/green yellow Gray/blue	UTT 2,5-PE/L UTT 2,5-PE/N UTT 2,5-L/N	UTT 4-PE/L UTT 4-PE/N UTT 4-L/N		
			3044678 3046731 3044681	3044746 3046760 3044788		
Width / length / height		[mm]	5.2 / 69.9 / 65	6.2 / 69.9 / 65		
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600	30 / 800 // 30 / 300		
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12		
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5		

## Three-level terminal blocks

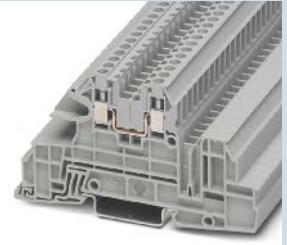
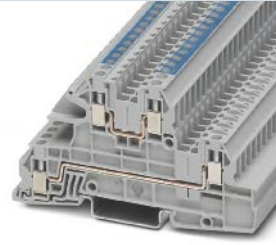
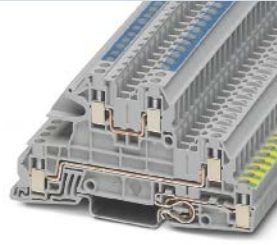


Type	Order No.	Gray Green-yellow	UT 2,5-3L UT 2,5-3PE	3214259 3214275	UT 2,5-3PV	3214262
Width / length / height		[mm]	5.2 / 90 / 77.5		5.2 / 90 / 77.5	
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600		24 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	



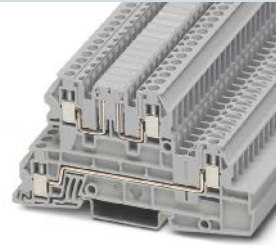
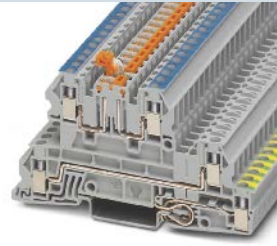
Type	Order No.	Gray Gray/green-yellow GY, BL, GN-YL	UT 2,5-PE/L/L	3214301	UT 2,5-PE/L/N	3214291	UT 2,5-3L-LA24RD/O-M	3214288
Width / length / height		[mm]	5.2 / 90 / 77.5		5.2 / 90 / 77.5		5.2 / 90 / 77.5	
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600		24 / 500 // 20 / 600		24 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

The three-level terminal blocks UTI 2,5... offer optimum operating convenience with an extremely compact design. Load circuits can quickly be wired with a pitch of just 5.2 mm.




Type	Order No.	Gray Gray/blue Gray/green-yellow GY, BL, GN-YL	UTI 2,5-PE/L/L UTI 2,5-PE/L/N	3076029 3076030	UTI 2,5-L/L UTI 2,5-L/N	3076031 3076035	UTI 2,5-L	3076034
Width / length / height		[mm]	5.2 / 93.5 / 51.5		5.2 / 93.5 / 51.5		5.2 / 93.5 / 51.5	
Current / voltage // UL		[A] / [V]	30 / 400 // 20 / 300		30 / 400 // 20 / 300		30 / 400 // 20 / 300	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12		0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12		0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 2.5 / 24 - 14		0.25 - 2.5 / 24 - 14		0.25 - 2.5 / 24 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 1.5 / 0.2 - 1.5		0.2 - 1.5 / 0.2 - 1.5		0.2 - 1.5 / 0.2 - 1.5	

\* Current value for lower level  
\*\* Current value for upper level



Type	Order No.	Gray GY, BL, GN-YL	UTI 2,5-PE/L/NTB	3076032	UTI 2,5-L/LB	3076033
Width / length / height		[mm]	5.2 / 93.5 / 51.5		5.2 / 93.5 / 51.5	
Current / voltage // UL		[A] / [V]	30*/16** / 400 // 20 / 300		30*/16** / 400 // 20 / 300	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12		0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 2.5 / 24 - 14		0.25 - 2.5 / 24 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 1.5 / 0.2 - 1.5		0.2 - 1.5 / 0.2 - 1.5	

 More detailed information on modular terminal blocks in the Ex "e" and "m" area is available on the Internet at phoenixcontact.com as a download for the approved products.

## Lever-type fuse and disconnect terminal blocks

The lever-type fuse terminal blocks UT ...-HESI feature a test connection on both sides in the safety lever. The lever-type disconnect terminal blocks have the same shape and pitch as the 5 x 20 mm lever-type fuse terminal blocks and allow for structure that accommodates the function.



Type	Order No.	Black Black	UT 4-HESI (5X20)	3046032	UT 6-HESI (6,3X32)	3046401	UT 4-HEDI UT 4-HEDI-P/P	3046249 3046252
Width / length / height		[mm]	6.2 / 57.8 / 73		8.2 / 57.8 / 73		6.2 / 57.8 / 73	
Current / voltage // UL		[A] / [V]	6.3 / 500 // 6.3 / 600		10 / 630 // 16 / 600		20 / 500 // 16 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5		0.14 - 1.5 / 0.14 - 1.5	

<sup>1)</sup> for 12 - 30 V AC/DC, 0.31 - 0.95 mA

<sup>2)</sup> for 12 - 60 V AC/DC, 0.08 - 0.49 mA

<sup>3)</sup> for 30 - 60 V AC/DC, 0.40 - 0.86 mA

<sup>4)</sup> for 110 - 250 V AC/DC, 0.41 - 0.96 mA



Type	Order No.	Black Black Black Black	UT 4-HESILED 24 (5X20) <sup>1)</sup>	3046090	UT 6-HESILED 24 (6,3X32)	3046414	UT 4-HESILED 60 (5X20) <sup>2)</sup>	3248005	UT 6-HESILED 60 (6,3X32)	3046427	UT 4-HESILED 60 (5X20) <sup>3)</sup>	3046126	UT 4-HESILA 250 (5X20) <sup>4)</sup>	3046100	UT 6-HESILA 250 (6,3X32)	3046430
Width / length / height		[mm]	6.2 / 57.8 / 73		8.2 / 57.8 / 73		6.2 / 57.8 / 73		8.2 / 57.8 / 73		6.2 / 57.8 / 73		8.2 / 57.8 / 73		8.2 / 57.8 / 73	
Current / voltage // UL		[A] / [V]	6.3 / 24 // 6.3 / 600		10 / 24 // 6.3 / 600		6.3 / 24 // 6.3 / 600		10 / 24 // 6.3 / 600		6.3 / 24 // 6.3 / 600		10 / 24 // 6.3 / 600		10 / 24 // 6.3 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10		0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10		0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5		0.2 - 2.5 / 0.2 - 2.5	

## Feed-through and diode terminal blocks

The feed-through and diode terminal blocks UT ...-MTD... allow the terminal strip structure to be the same shape whether disconnect, knife disconnect or fuse terminal blocks are used. The consistent marking and bridging of terminal blocks is an advantage.



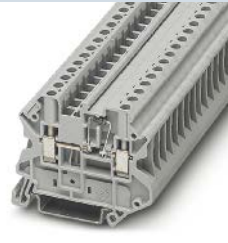
Type	Order No.	Gray Gray Blue Green-yellow	UT 2,5-MTD	3064085	UT 2,5-MTD P/P	3064098	UT 2,5-MTD-DIO/L-R	3064137	UT 2,5-MTD-DIO/R-L	3064140
Width / length / height		[mm]	5.2 / 57.8 / 47.5		5.2 / 57.8 / 47.5		5.2 / 57.8 / 47.5		5.2 / 57.8 / 47.5	
Current / voltage // UL		[A] / [V]	32 / 800 // 20 / 600		32 / 630 // 20 / 600		0.5 / 800 // 0.5 / 600		0.5 / 800 // 0.5 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

... L-R = conducting direction from left to right

... R-L = conducting direction from right to left

... PE/S = with screwfix

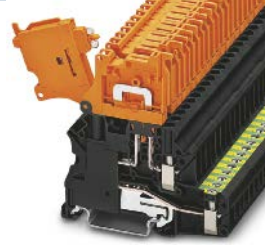
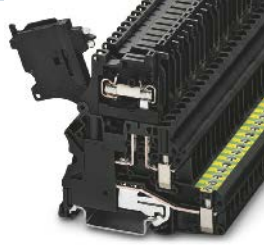
... P/P = with test socket screws



Type	Order No.	Gray Blue Green-yellow Green-yellow	UT 4-MTD	3046184	UT 4-MTD-DIO/L-R	3046210	UT 4-MTD-DIO/R-L	3046236
Width / length / height		[mm]	6.2 / 57.8 / 47.5		6.2 / 57.8 / 47.5		6.2 / 57.8 / 47.5	
Current / voltage // UL		[A] / [V]	41 / 800 // 30 / 600		0.5 / 800 // 0.5 / 600		0.5 / 800 // 0.5 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

## Lever-type fuse and function terminal blocks with PE foot

The lever-type fuse and function terminal blocks with PE foot are suitable for process technology based on the Ex nA approval that has been applied for, and are suitable for energy and signal transmission in potentially explosive areas.

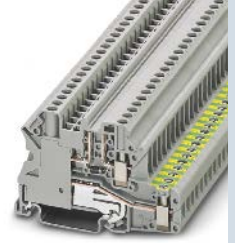
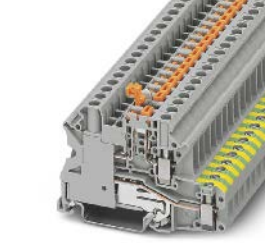
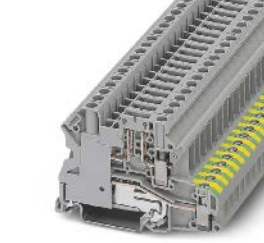


Type	Order No.	Black Black Black Black
Width / length / height	[mm]	6.2 / 70.8 / 73
Current / voltage // UL	[A] / [V]	6.3 / 500 // 10 / 600
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5

UT 4-PE/HESI (5X20)	3073995
UT 4-PE/HESI LED 24 (5X20)	3070053
UT 4-PE/HESI LED 60 (5X20)	3070066
UT 4-PE/HESI LA 250 (5X20)	3070079

UT 4-PE/HEDI	3074004
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Function terminals of the same shape.  
... L-R = conducting direction from left to right  
... R-L = conducting direction from right to left  
... P/P = with test socket screws



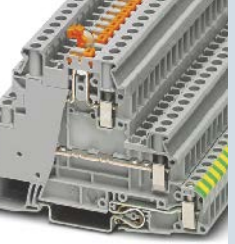
Type	Order No.	Gray/green-yellow Gray/green-yellow
Width / length / height	[mm]	6.2 / 70.8 / 47.5
Current / voltage // UL	[A] / [V]	20 / 500 // - / -
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5

UT 4-PE/TG <sup>1)</sup>	3070024
UT 4-PE/TG P/P <sup>1)</sup>	3070037

UT 4-PE/MT	3070011
UT 4-PE/MT P/P	3046140

UT 4-PE/L-DIO/L-R P/P	3046834
UT 4-PE/L-DIO/R-L P/P	3046235

\* Current value for lower level  
\*\* Current value for upper level



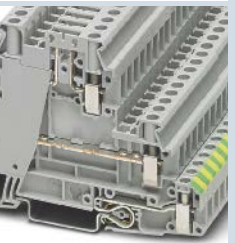
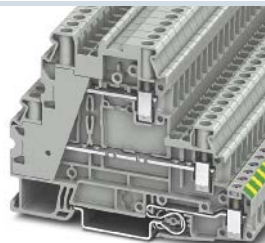
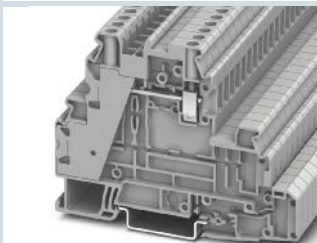
Type	Order No.	Black Black/green-yellow Black/green-yellow Black/green-yellow Black/green-yellow
Width / length / height	[mm]	6.2 / 92.7 / 88.9
Current / voltage // UL	[A] / [V]	30 / 500 // - / -
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5

UT 4-L/HESI (5X20)	3214325
UT 4-PE/L/HESI (5X20)	3214320
UT 4-PE/L/HESI LED 24 (5X20)	3214321
UT 4-PE/L/HESI LED 60 (5X20)	3214322
UT 4-PE/L/HESI LED 250 (5X20)	3214323

UT 4-PE/L/HEDI	3214324
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UT 4-PE/L/MT	3214364
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Type	Order No.	Gray Gray Gray/green-yellow Gray/green-yellow
Width / length / height	[mm]	6.2 / 92.7 / 61.7
Current / voltage // UL	[A] / [V]	36 / 500 // - / -
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5



UT 4-L	3214363
UT 4-L/L	3214362

UT 4-PE/L/L	3214360
UT 4-PE/L/N	3214361

UT 4-PE/L/TG <sup>1)</sup>	3214365
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More detailed information on modular terminal blocks in the Ex e, Ex i, and nA area is available on the Internet at phoenixcontact.com as a download for the approved products.

<sup>1)</sup> For matching connectors, see page 15.  
For more diode terminal blocks, see page 18.

## Thermomagnetic circuit breakers

The thermomagnetic circuit breakers UT 6-TMC ... are available in eleven nominal current levels from 0.5 A to 16 A. They provide a high level of system availability thanks to their reclosure function and clear status display.



Type	Order No.	Gray	UT 6-TMC M 0,5A	0916603	UT 6-TMC M 5A	0916607	UT 6-TMC M 12A	0916611
		Gray	UT 6-TMC M 1A	0916604	UT 6-TMC M 6A	0916608	UT 6-TMC M 15A	0916612
		Gray	UT 6-TMC M 2A	0916605	UT 6-TMC M 8A	0916609	UT 6-TMC M 16A	0916613
		Gray	UT 6-TMC M 4A	0916606	UT 6-TMC M 10A	0916610		
Width / length / height		[mm]	12.3 / 85.5 / 89.5		12.3 / 85.5 / 89.5		12.3 / 85.5 / 89.5	
Current / voltage // UL		[A] / [V]	1) / 240 // - / -		1) / 240 // - / -		1) / 240 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 6 / 24 - 10		0.25 - 6 / 24 - 10		0.25 - 6 / 24 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 2.5 / 0.2 - 2.5		0.2 - 2.5 / 0.2 - 2.5		0.2 - 2.5 / 0.2 - 2.5	

## Disconnect terminal blocks for accommodating function connectors

The following function connector types can be used in the disconnect terminal blocks: feed-through connector P-FIX, isolating connector P-DI, component connector P-CO, and fuse connector P-FU.

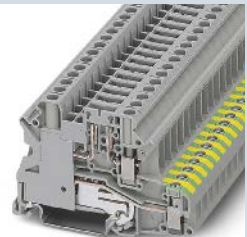


Type	Order No.	Gray	UT 2,5-TG	3046388	UT 4-TG	3046142	UT 6-TG	3046485
		Blue	UT 2,5-TG BU	3046579	UT 4-TG BU	3073283	UT 6-TG BU	3073856
Width / length / height		[mm]	5.2 / 57.8 / 47.5		6.2 / 57.8 / 47.5		8.2 / 57.8 / 47.5	
Current / voltage // UL		[A] / [V]	20 / 400 // 20 / 300		20 / 500 // 16 / 600		20 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5	

... P/P = with test socket screws



Type	Order No.	Gray	UT 2,5-TG-P/P	3046391	UT 4-TG-P/P	3046168	UT 6-TG-P/P	3073869
		Blue	UT 2,5-TG-P/P BU	3046582	UT 4-TG-P/P BU	3073296	UT 6-TG-P/P BU	3073872
Width / length / height		[mm]	5.2 / 57.8 / 47.5		6.2 / 57.8 / 47.5		8.2 / 57.8 / 47.5	
Current / voltage // UL		[A] / [V]	20 / 400 // 20 / 300		20 / 500 // 16 / 600		20 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5	




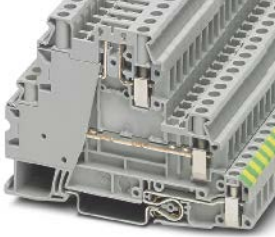


Type	Order No.	Gray	UT 4-TWIN-TG	3046595	UT 4-QUATTRO-TG	3064027	UT 4-PE/TG	3070024
		Blue	UT 4-TWIN-TG BU	3073034	UT 4-QUATTRO-TG BU	3073076		
		Gray	UT 4-TWIN-TG-P/P	3046605	UT 4-QUATTRO-TG-P/P	3064030	UT 4-PE/TG P/P	3070037
		Blue	UT 4-TWIN-TG-P/P BU	3073047	UT 4-QUATTRO-TG-P/P BU	3073089		
Width / length / height		[mm]	6.2 / 65.4 / 47.5		6.2 / 65.4 / 47.5		6.2 / 70.8 / 47.5	
Current / voltage // UL		[A] / [V]	20 / 500 // 20 / 300		20 / 500 // 20 / 300		20 / 500 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

1) For nominal current, see order designation.

## Disconnect terminal blocks for accommodating function connectors

The following function connector types can be used in the disconnect terminal blocks: feed-through connector P-FIX, isolating connector P-DI, component connector P-CO, and fuse connector P-FU.

				
Type	Order No.	Gray Gray <b>UTTB 2,5-TG-P/P</b>	<b>3044644</b>	<b>UTTB 4-TG</b> <b>UTTB 4-TG-P/P</b>
Width / length / height	[mm]	5.2 / 69.9 / 65		6.2 / 69.9 / 65
Current / voltage // UL	[A] / [V]	20*/16** / 400 // - / -		38*/20** / 500 // 30 / 300
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5
... P/P = with test socket screws * Current value for lower level ** Current value for upper level				
				
Type	Order No.	Gray <b>UT 4-PE/L/TG</b>	<b>3214365</b>	
Width / length / height	[mm]	6.2 / 92.7 / 61.7		
Current / voltage // UL	[A] / [V]	36*/20** / 500 // - / -		
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		

## Function connectors

				
Type	Order No.	Feed-through connectors Isolating connectors Component	<b>P-FIX</b>	<b>P-DI</b>
Width / length / height	[mm]	-	-	<b>P-CO</b>
Current / voltage	[A] / [V]	-	-	<b>3036796</b>
			For current carrying capacity, see disconnect terminal block / -	For current carrying capacity, see disconnect terminal block / -
				
Type	Order No.	Black Black Black Black	<b>P-FU 5X20-5</b>	<b>P-FU 6,3X32</b>
Width / length / height	[mm]	5.2 / 23.5 / 45.5	<b>3209235</b>	<b>3046498</b>
Current / voltage	[A] / [V]	6.3 / 400	<b>P-FU 5X20 LED 24-5</b>	<b>P-FU 6,3X32 LED 24</b>
			<b>3209248</b>	<b>3046508</b>
			<b>P-FU 5X20 LED 60-5</b>	<b>P-FU 6,3X32 LED 60</b>
			<b>3209251</b>	<b>3046511</b>
			<b>P-FU 5X20 LED 250-5</b>	<b>P-FU 6,3X32 LA 250</b>
			<b>3209264</b>	<b>3046524</b>
Fore more fuse connectors, see page 17.				

## Knife disconnect terminal blocks

The knife disconnect terminal blocks impress with their compact design and high current carrying capacity of 20 A. The double bridge shaft enables an individual potential distribution and supply.



Type	Order No.	Gray Blue	UT 2,5-MT UT 2,5-MT BU	3046362 3046553	UT 4-MT UT 4-MT BU	3046139 3073278	UT 6-MT UT 6-MT BU	3064069 3073267
Width / length / height		[mm]	5.2 / 57.8 / 49.1		6.2 / 57.8 / 49.1		8.2 / 57.8 / 49.1	
Current / voltage // UL		[A] / [V]	20 / 400 // 20 / 300		20 / 500 // 16 / 600		20 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5	

... P/P = with test socket screws



Type	Order No.	Gray Blue	UT 2,5-MT-P/P UT 2,5-MT-P/P BU	3046375 3046566	UT 4-MT-P/P UT 4-MT-P/P BU	3046171 3046265	UT 6-MT-P/P UT 6-MT-P/P BU	3064072 3073270
Width / length / height		[mm]	5.2 / 57.8 / 49.1		6.2 / 57.8 / 49.1		8.2 / 57.8 / 49.1	
Current / voltage // UL		[A] / [V]	20 / 400 // 20 / 300		20 / 500 // 16 / 600		20 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5	

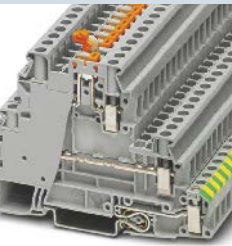
... P/P = with test socket screws



Type	Order No.	Gray Blue Gray Blue	UT 4-TWIN-MT UT 4-TWIN-MT BU UT 4-TWIN-MT-P/P UT 4-TWIN-MT-P/P BU	3046003 3073018 3064014 3073021	UT 4-QUATTRO-MT UT 4-QUATTRO-MT BU UT 4-QUATTRO-MT-P/P UT 4-QUATTRO-MT-P/P BU	3064043 3073050 3064056 3073063
Width / length / height		[mm]	6.2 / 65.4 / 49.1		6.2 / 65.4 / 49.1	
Current / voltage // UL		[A] / [V]	20 / 500 // 20 / 300		20 / 500 // 20 / 300	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

\* Current value for lower level

\*\* Current value for upper level



Type	Order No.	Gray/green-yellow	UT 4-PE/L/MT	3214364
Width / length / height		[mm]	6.2 / 92.7 / 61.7	
Current / voltage // UL		[A] / [V]	36*/20** / 500 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	



## Double-level disconnect and knife disconnect terminal blocks

Alongside the standard disconnect zone in the upper level and the double function shaft in the lower level, the terminal blocks UTTB ... also offer a level offset. If fully wired, this gives full access to the lower connection level and a perfect view of the lower labeling markers and conductor entry funnel.

... P/P = with test socket screws

Type	Order No.	Gray Blue Blue	<b>UTTB 2,5-MT-P/P</b> <b>UTTB 2,5-MT-P/P BU</b>	<b>3044640</b> <b>3044641</b>	<b>UTTB 4-MT</b> <b>UTTB 4-MT-P/P</b>	<b>3044775</b> <b>3044762</b>	<b>UTTB 4-MT P/P LA 24 RD/O-U</b>	<b>3046773</b>
Width / length / height	[mm]		5.2 / 69.9 / 65		6.2 / 69.9 / 65		6.2 / 69.9 / 65	
Current / voltage // UL	[A] / [V]		20*/16** / 400 // - / -		38*/20** / 500 // 30 / 300		38*/20** / 24 // 30 / 300	
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -		0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	
* Current value for lower level								
** Current value for upper level								
Type	Order No.	Gray Blue Gray/green-yellow	<b>UTT 2,5-2MT-P/P</b> <b>UTT 2,5-2MT-P/P BU</b>	<b>3044670</b> <b>3044671</b>	<b>UTI 2,5-PE/L/NTB</b>	<b>3076032</b>	<b>UT 4-PE/L/MT</b>	<b>3214364</b>
Width / length / height	[mm]		5.2 / 80.1 / 65		5.2 / 93.5 / 51.5		6.2 / 92.7 / 61.7	
Current / voltage // UL	[A] / [V]		16 / 400 // - / -		30*/16** / 400 // 20 / 300		36*/20** / 500 // - / -	
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -		0.14 - 2.5 / 26 - 14		0.25 - 2.5 / 24 - 14		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]		0.14 - 1.5 / 0.14 - 1.5		0.2 - 1.5 / 0.2 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

## Disconnect and knife disconnect terminal blocks, with fuse connectors for potentially explosive areas

Thanks to Ex nA-approval, the function terminals UT ...-EX are suitable for use in potentially explosive areas (zone 2) according to standards established worldwide.

... P/P = with test socket screws

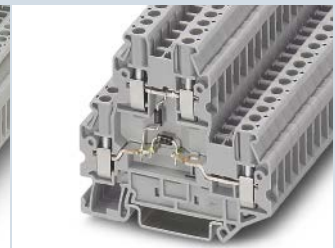
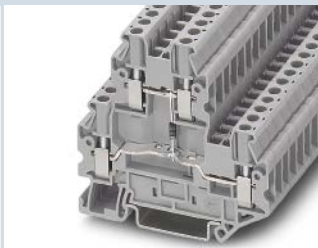
Type	Order No.	Gray Gray	<b>UT 4-TG-EX</b> <b>UT 4-TG-P/P-EX</b>	<b>3046143</b> <b>3046169</b>	<b>UT 6-TG-EX</b> <b>UT 6-TG-P/P-EX</b>	<b>3046486</b> <b>3073870</b>	<b>UT 4-MT-EX</b> <b>UT 4-MT-P/P-EX</b>	<b>3046141</b> <b>3046173</b>
Width / length / height	[mm]		6.2 / 57.8 / 47.5		8.2 / 57.8 / 47.5		6.2 / 57.8 / 49.1	
Current / voltage // UL	[A] / [V]		20 / 500 // 6.3 / 250		20 / 500 // 6.3 / 250		20 / 500 // 16 / 500	
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -		0.14 - 4 / 26 - 12		0.25 - 6 / 22 - 10		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]		0.14 - 1.5 / 0.14 - 1.5		0.2 - 2.5 / 0.2 - 2.5		0.14 - 1.5 / 0.14 - 1.5	
<b>Fuse connectors</b>								
Type	Order No.	Black Black Black Black	<b>P-FU 5X20-EX</b> <b>P-FU 5X20 LED 24-EX</b> <b>P-FU 5X20 LED 60-EX</b> <b>P-FU 5X20 LA 250-EX</b>	<b>3036807</b> <b>3036821</b> <b>3036823</b> <b>3036836</b>	<b>P-FU 6,3X32-EX</b> <b>P-FU 6,3X32 LED 24-EX</b> <b>P-FU 6,3X32 LED 60-EX</b> <b>P-FU 6,3X32 LA 250-EX</b>	<b>3046499</b> <b>3046509</b> <b>3046512</b> <b>3046525</b>		
			For UT 4-TG... Width: 6.2 mm		For UT 6-TG... Width: 8.2 mm			

More detailed information on modular terminal blocks in the Ex e and i area is available on the Internet at phoenixcontact.com as a download for the approved products.

## Double-level diode terminal blocks

With an overall width of just 5.2 mm, these can be used in a confined space to create freewheeling diode circuits, lamp test circuits, and signal and fault message circuits.

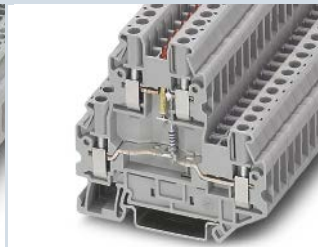
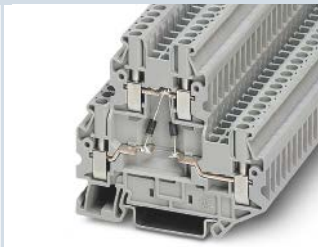
For more diode terminal blocks, see pages 12-13.



Type	Order No.	Gray Gray	UTTB 2,5-DIO/O-U UTTB 2,5-DIO/U-O	3046650 3046663	UTTB 2,5-DIO/UL-UR	3046728	UTTB 2,5-2DIO/O-UL/UR-UL	3046676
Width / length / height		[mm]	5.2 / 69.9 / 65		5.2 / 69.9 / 65		5.2 / 69.9 / 65	
Current / voltage // UL		[A] / [V]	28 / 500 // 20 / 600		28 / 500 // 20 / 600		28 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

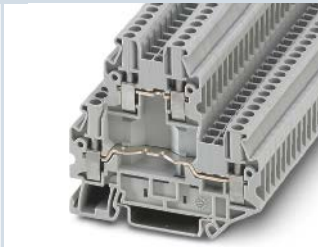
... O-U = conducting from top to bottom  
 ... O-U = conducting from bottom to top  
 ... UL-UR = conducting from bottom left to bottom right  
 ... O-UL/UR-UL = conducting from top to bottom left and from bottom right to bottom left  
 ... O-UL/O-UR = conducting from top to bottom left and from top to bottom right

The maximum current is determined by the diode.  
 Installed: diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A



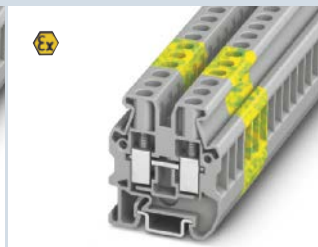
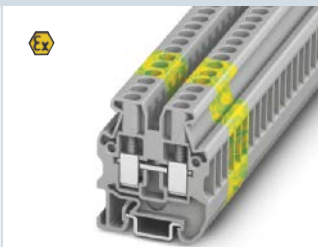
Type	Order No.	Gray Gray Gray	UTTB 2,5-2DIO/O-UL/O-UR	3046689	UTTB 2,5-LA 24 RD UTTB 2,5-LA 60 RD UTTB 2,5-LA 230	3046692 3046702 3046715
Width / length / height		[mm]	5.2 / 69.9 / 65		5.2 / 69.9 / 65	
Current / voltage // UL		[A] / [V]	28 / 500 // 20 / 600		28 / 24 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	

Terminal block for soldering in components yourself



Type	Order No.	Gray	UTTB 2,5-BE	3046744
Width / length / height		[mm]	5.2 / 69.9 / 65	
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	

## Mini feed-through and ground terminal blocks for mounting on DIN rail NS 15

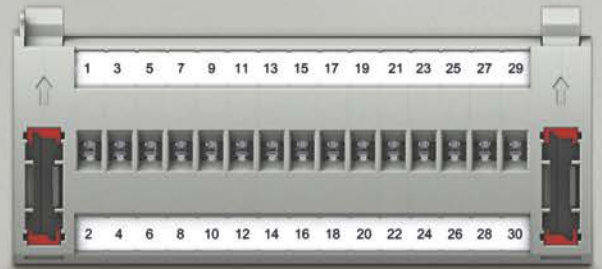


Type	Order No.	Gray Blue Green-yellow	MUT 2,5 MUT 2,5 BU MUT 2,5-PE	3248030 3248031 3248032	MUT 4 MUT 4 BU MUT 4-PE	3248035 3248036 3248037
Width / length / height		[mm]	5.2 / 29.9 / 34		6.2 / 29.9 / 34	
Current / voltage // UL		[A] / [V]	32 / 500 // 20 / 300		41 / 500 // 30 / 300	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 4 / 24 - 12 // 0.2 - 4 / 24 - 12		0.2 - 6 / 24 - 10 // 0.2 - 6 / 24 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 2.5 / 24 - 14		0.25 - 4 / 24 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 1.5 / 0.25 - 1.5		0.2 - 1.5 / 0.25 - 1.5	

More detailed information on modular terminal blocks in the Ex "e" and "i" area is available on the Internet at phoenixcontact.com as a download for the approved products.

# Easy and safe testing – FAME plug-in test system with screw connection

FAME is the innovative test system for all measuring and testing tasks in network protection technology for medium and high-voltage switchgear. With the modular system, you can now perform manual testing automatically, safely, and more quickly. The plug-in test system combines the switching operations of the current transformer, voltage transformer, and signal contact functions in a single block.



**For every application**  
the right solution: Variants  
for the control cabinet  
panel or DIN rail.

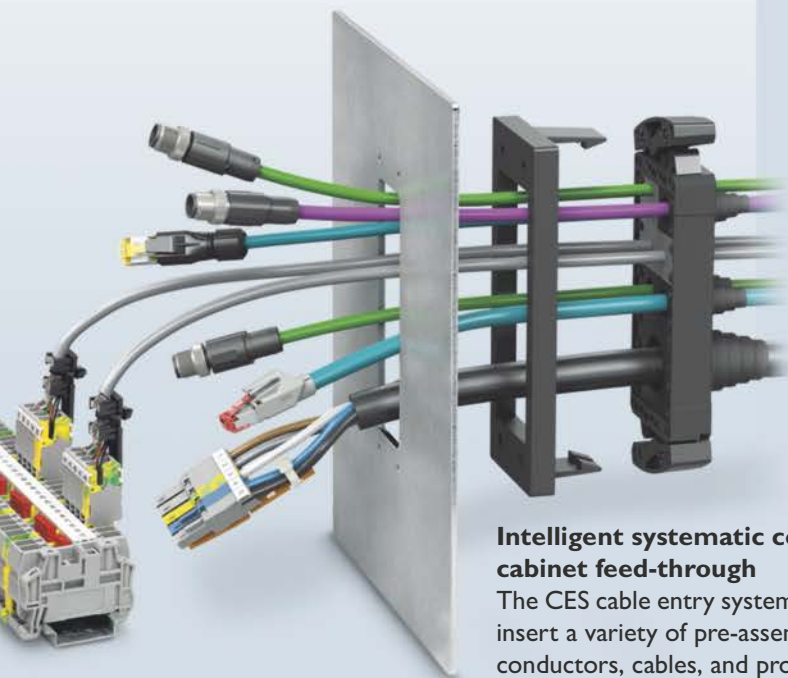


You can find the plug-in test system at [phoenixcontact.net/products](http://phoenixcontact.net/products).

# Modular connection solutions – UT plug-in modular terminal blocks with screw connection

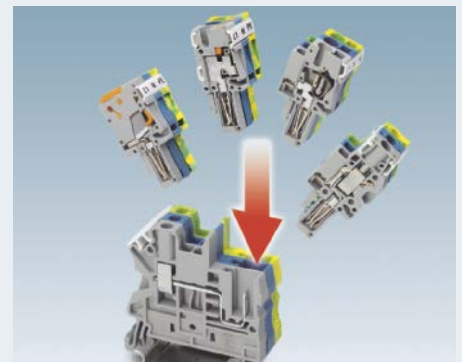
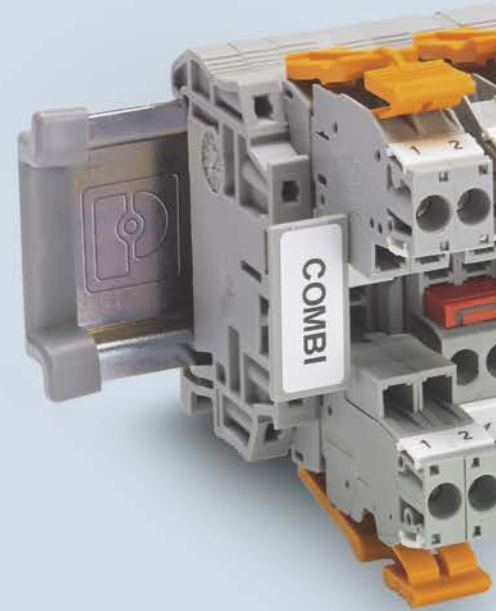
The COMBI connection system enables the time-saving and modular configuration of your application.

The nominal ratings up to 41 A and 1000 V provide a basis for a unique connection system for signal and power wiring. The system meets the most stringent of vibration requirements. An extensive range of accessories, from the latching to the shield connection, supplement the plug-in system.



## Intelligent systematic control cabinet feed-through

The CES cable entry system allows you to insert a variety of pre-assembled conductors, cables, and protective hoses into areas with limited space in control cabinets, distributor boxes or devices, in a way which protects them against water and dust.

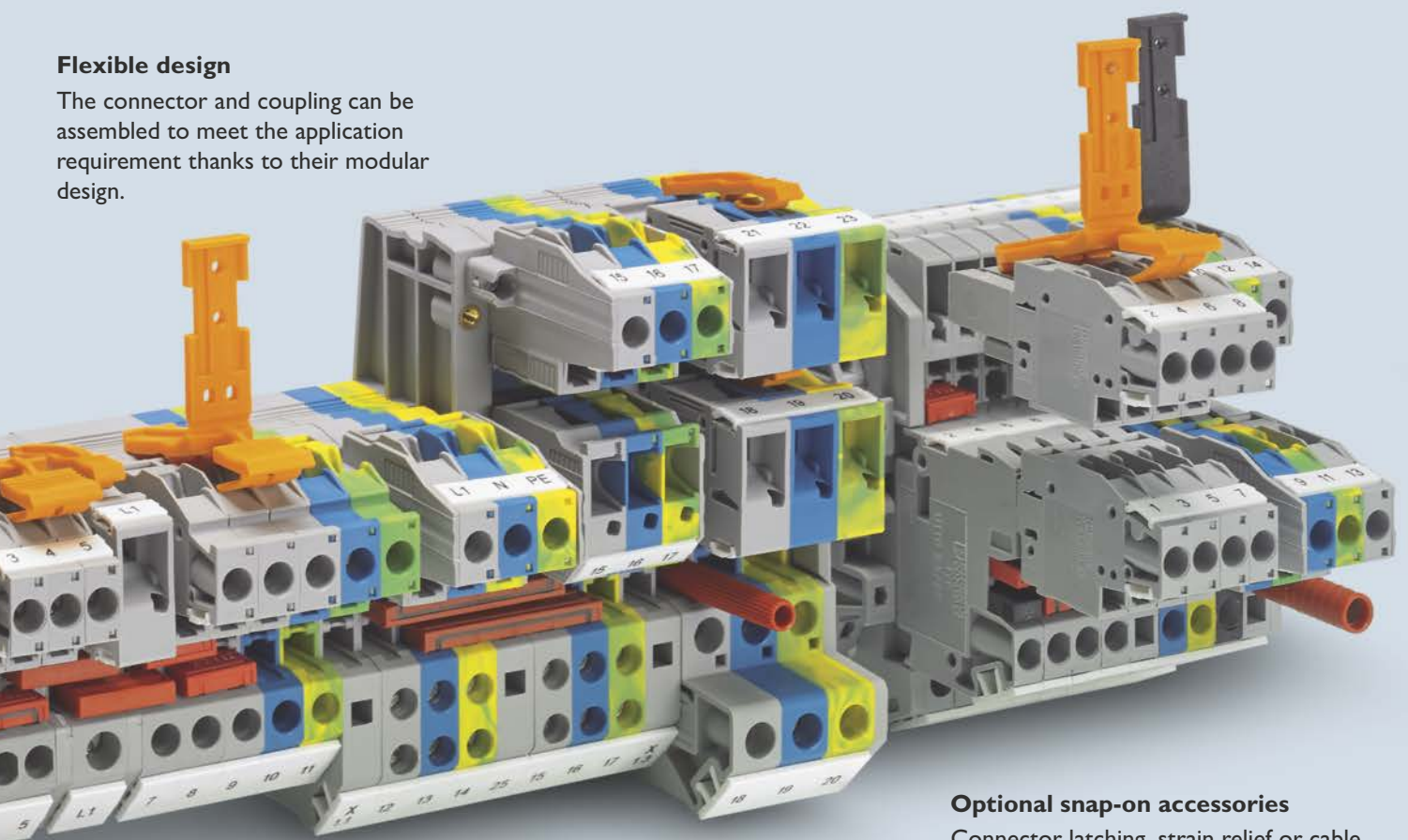


## Uniform plug-in zone

The COMBI connection system enables the time-saving and modular configuration of your application. Its distinguishing feature is its standardized plug-in zone. This plug-in zone allows terminal blocks and connectors to be combined to suit the application, regardless of the connection technology.

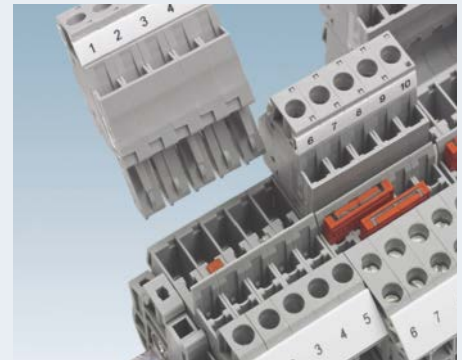
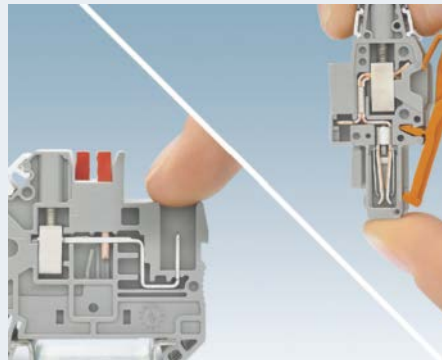
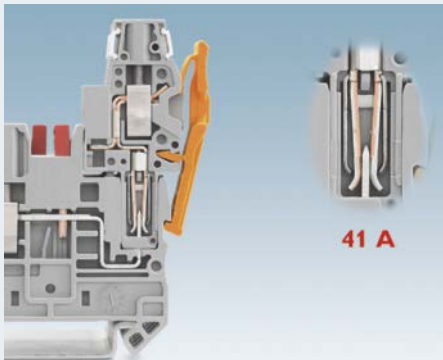
## Flexible design

The connector and coupling can be assembled to meet the application requirement thanks to their modular design.



## Optional snap-on accessories

Connector latching, strain relief or cable housing can be snapped on as required. All terminal points and connectors support clear, large-surface marking.



## 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 to be implemented. The contact system features an integrated covering spring so that it can withstand extreme vibration levels.



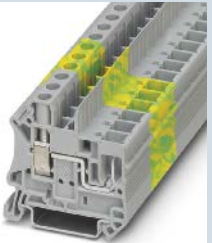


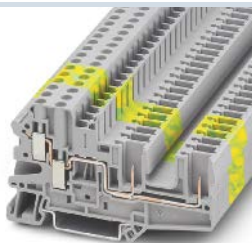
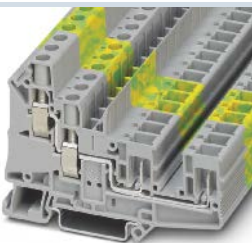


## Touch-proof

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

## Individual coding

Thanks to the straightforward, custom-coding option, wiring reliability is increased and incorrect connections are avoided. For this purpose, 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 on the connector.

## Plug-in COMBI terminal blocks

								
Type	Order No.	Gray Blue Green-yellow	UT 2,5/1P UT 2,5/1P BU UT 2,5/1P-PE	3045017 3045020 3045033	UT 4/1P UT 4/1P BU UT 4/1P-PE	3045583 3045596 3045606	UT 6/1P UT 6/1P BU UT 6/1P-PE	3060539 3060542 3060555
Width / length / height		[mm]	5.2 / 47.6 / 47.5	6.2 / 47.6 / 47.5	8.2 / 49.1 / 47.5			
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 300	32 / 800 // 30 / 600	41 / 1000 // 40 / 600			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12	0.25 - 6 / 22 - 10			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5	0.2 - 2.5 / 0.2 - 2.5			
								
Type	Order No.	Gray Blue Green-yellow	UT 2,5-TWIN/1P UT 2,5-TWIN/1P BU UT 2,5-TWIN/1P-PE	3060490 3060500 3060513	UT 4-TWIN/1P UT 4-TWIN/1P BU UT 4-TWIN/1P-PE	3060267 3060270 3060283		
Width / length / height		[mm]	5.2 / 55.7 / 47.5	6.2 / 55.7 / 47.5				
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 300	32 / 500 // 30 / 600				
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10				
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 4 / 26 - 12				
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5				
								
Type	Order No.	Gray Blue Green-yellow	UT 4-QUATTRO/2P UT 4-QUATTRO/2P BU UT 4-QUATTRO/2P-PE	3060296 3060306 3060319	UT 6-QUATTRO/2P UT 6-QUATTRO/2P BU UT 6-QUATTRO/2P-PE	3060568 3060571 3060584		
Width / length / height		[mm]	6.2 / 82.4 / 47.5	8.2 / 86.5 / 60				
Current / voltage // UL		[A] / [V]	32 / 500 // 30 / 600	41 / 1000 // 40 / 600				
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8				
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12	0.25 - 6 / 22 - 10				
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.2 - 2.5 / 0.2 - 2.5				
...-PV = with equipotential bonding								
								
Type	Order No.	Gray Blue Green-yellow	UTT 2,5/2P UTT 2,5/2P BU UTT 2,5/2P-PE	3060351 3060364 3060380	UTT 2,5/2P-PV UTT 2,5/2P-PV BU	3060377 3060487		
Width / length / height		[mm]	5.2 / 74.3 / 65	5.2 / 74.3 / 65				
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600	24 / 500 // 20 / 600				
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12				
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14	0.14 - 2.5 / 26 - 14				
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5				

## COMBI connectors

The connectors UPBV ... are connected at a right angle to the plug-in direction. These connectors can be bridged.



		Number of positions				
Type	Order No.					
		1	UPBV 2,5/1	3045145	UPBV 4/1	3045800
		2	UPBV 2,5/2	3045402	UPBV 4/2	3045813
		3	UPBV 2,5/3	3045415	UPBV 4/3	3045826
		4	UPBV 2,5/4	3045428	UPBV 4/4	3045839
		5	UPBV 2,5/5	3045431	UPBV 4/5	3045842
		6	UPBV 2,5/6	3045444	UPBV 4/6	3045855
		7	UPBV 2,5/7	3045457	UPBV 4/7	3045868
		8	UPBV 2,5/8	3045460	UPBV 4/8	3045871
		9	UPBV 2,5/9	3045473	UPBV 4/9	3045884
		10	UPBV 2,5/10	3045499	UPBV 4/10	3045897
		11	UPBV 2,5/11	3045509	UPBV 4/11	3045907
		12	UPBV 2,5/12	3045512	UPBV 4/12	3045910
		13	UPBV 2,5/13	3045525	UPBV 4/13	3045923
		14	UPBV 2,5/14	3045538	UPBV 4/14	3045936
		15	UPBV 2,5/15	3045541	UPBV 4/15	3045949
		1	UPBV 2,5/1 BU	3045240	UPBV 4/1 BU	3045266
		1	UPBV 2,5/1 GNYE	3045253	UPBV 4/1 GNYE	3045279
Width / length / height	[mm]	5.2 x number of positions / 20.5 / 47		6.2 x number of positions / 22 / 48.5		
Current / voltage // UL	[A] / [V]	24 / 500 // 20 / 600		32 / 800 // 30 / 600		
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12		
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		

The connectors UP ... are connected in the plug-in direction. These connectors cannot be bridged.



		Number of positions				
Type	Order No.					
		1	UP 4/1	3060115	UP 6/1	3060610
		2	UP 4/2	3060128	UP 6/2	3060623
		3	UP 4/3	3060131	UP 6/3	3060636
		4	UP 4/4	3060144	UP 6/4	3060649
		5	UP 4/5	3060157	UP 6/5	3060652
		6	UP 4/6	3060160	UP 6/6	3060665
		7	UP 4/7	3060173	UP 6/7	3060678
		8	UP 4/8	3060186	UP 6/8	3060681
		9	UP 4/9	3060199	UP 6/9	3060694
		10	UP 4/10	3060209	UP 6/10	3060704
		11	UP 4/11	3060212		
		12	UP 4/12	3060225		
		13	UP 4/13	3060238		
		14	UP 4/14	3060241		
		15	UP 4/15	3060254		
		1	UP 4/1 BU	3045282	UP 6/1 BU	3060717
		1	UP 4/1 GNYE	3045295	UP 6/1 GNYE	3060720
Width / length / height	[mm]	6.2 x number of positions / 21 / 41.2		8.2 x number of positions / 21 / 42.7		
Current / voltage // UL	[A] / [V]	32 / 800 // 30 / 600		41 / 1000 // 40 / 600		
Solid / AWG // stranded / AWG	[mm <sup>2</sup> ] / -	0.2 - 6 / 24 - 10 // 0.2 - 6 / 24 - 10		0.2 - 6 / 24 - 10 // 0.2 - 10 / 24 - 8		
Stranded with ferrule / AWG	[mm <sup>2</sup> ] / -	0.25 - 4 / 22 - 12		0.25 - 6 / 22 - 10		
Two conduct. of same type solid / str.	[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 1.5 / 0.2 - 1.5		0.2 - 2.5 / 0.2 - 2.5		

## COMBI connectors for self-assembly

The connectors for self-assembly provide solutions that users can implement themselves. The connectors are assembled directly on site by snapping together single-position elements.



		Single-position element				
Type	Order No.	Left	UPBV 2,5/1-L	3045318	UPBV 4/1-L	3045716
		Left	UPBV 2,5/1-L BU	3045321	UPBV 4/1-L BU	3045729
		Left	UPBV 2,5/1-L GNYE	3045334	UPBV 4/1-L GNYE	3045732
Middle	Middle	Middle	UPBV 2,5/1-M	3045347	UPBV 4/1-M	3045745
		Middle	UPBV 2,5/1-M BU	3045350	UPBV 4/1-M BU	3045758
		Middle	UPBV 2,5/1-M GNYE	3045363	UPBV 4/1-M GNYE	3045761
Right	Right	Right	UPBV 2,5/1-R	3045376	UPBV 4/1-R	3045774
		Right	UPBV 2,5/1-R BU	3045389	UPBV 4/1-R BU	3045787
		Right	UPBV 2,5/1-R GNYE	3045392	UPBV 4/1-R GNYE	3045790
Width / length / height		[mm]	5.2 x number of positions / 20.5 / 47		6.2 x number of positions / 22 / 48.5	
Current / voltage // UL		[A] / [V]	24 / 500 // 20 / 600		32 / 800 // 30 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 2.5 / 26 - 14		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	



		Single-position element				
Type	Order No.	Left	UP 4/1-L	3060021	UP 6/1-L	3060733
		Left	UP 4/1-L BU	3060034	UP 6/1-L BU	3060746
		Left	UP 4/1-L GNYE	3060047	UP 6/1-L GNYE	3060759
Middle	Middle	Middle	UP 4/1-M	3060050	UP 6/1-M	3060762
		Middle	UP 4/1-M BU	3060063	UP 6/1-M BU	3060775
		Middle	UP 4/1-M GNYE	3060076	UP 6/1-M GNYE	3060788
Right	Right	Right	UP 4/1-R	3060089	UP 6/1-R	3060791
		Right	UP 4/1-R BU	3060092	UP 6/1-R BU	3060801
		Right	UP 4/1-R GNYE	3060102	UP 6/1-R GNYE	3060814
Width / length / height		[mm]	6.2 x number of positions / 21 / 41.2		8.2 x number of positions / 21 / 42.7	
Current / voltage // UL		[A] / [V]	32 / 800 // 30 / 600		41 / 1000 // 40 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 6 / 24 - 10 // 0.2 - 6 / 24 - 10		0.2 - 6 / 24 - 10 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 4 / 22 - 12		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 1.5 / 0.2 - 1.5		0.2 - 2.5 / 0.2 - 2.5	

## Accessories for connectors

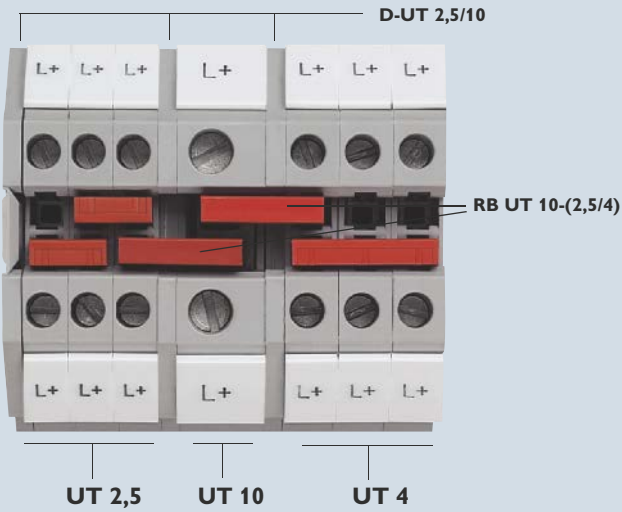


	Coding set		Strain relief		Latching and strain relief		Latching	
UPBV ...	PC	3040588	PZ/2	3040627	PRZ	3040614	PR/2	3040630
UP...	PC	3040588	UPZ/2	3045554	UPRZ	3045570	UPR/2	3045567
UPCT 4/2 See page 30	PC-CT/2	3032855	PZ/2	3040627	PRZ	3040614	PR/2	3040630
UPCT 4/3 See page 30	PC-CT/3	3032868	PZ/2	3040627	PRZ	3040614	PR/2	3040630



## UT accessories

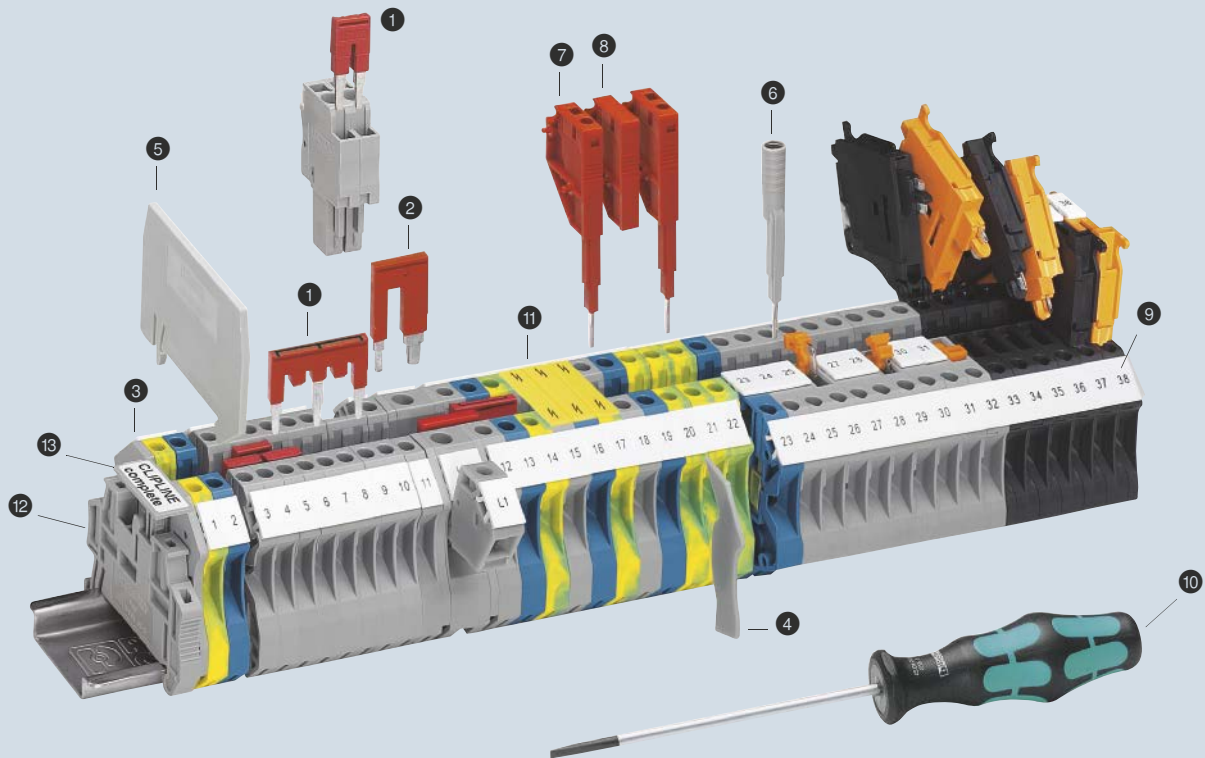
Example of a 10 mm<sup>2</sup> central supply with reducing bridges  
RB UT 10-(2,5/4)



## ② Reduction bridging

Supply	Pick-off	Single-sided supply	Central supply	
Terminal block	Terminal block	I <sub>max.</sub>	I <sub>max.</sub>	Bridge
UT 4 (4 mm <sup>2</sup> )	UT 2,5	24	24	FBS 2-5 3030161
UT 6 (6 mm <sup>2</sup> )	UT 2,5	40	56	RB UT 6-(2,5/4) 3047251
	UT 4	45	56	
	PT 2,5 / ST 2,5 / QTC 2,5	40	56	
	PT 4/ ST 4	45	56	RB UT 6-ST(2,5/4) 3047264
UT 10 (10 mm <sup>2</sup> )	QTC 1,5	35	56	
	UT 2,5	40	65	RB UT 10-(2,5/4) 3047060
	UT 4	45	65	
	PT 2,5 / ST 2,5 / QTC 2,5	40	65	RB UT 10-ST(2,5/4) 3047086
UT 16 (16 mm <sup>2</sup> )	PT 4/ ST 4	45	65	
	QTC 1,5	35	65	
	UT 2,5	40	80	RB UT 16-(2,5/4) 3047073
	UT 4	45	90	
UT 35 (35 mm <sup>2</sup> )	PT 2,5 / ST 2,5 / QTC 2,5	40	80	
	PT 4/ ST 4	45	90	RB UT 16-ST(2,5/4) 3047099
	QTC 1,5	35	70	
	UT 2,5	40	80	RB UT 35-(2,5/4) 3047277
UT 35 (35 mm <sup>2</sup> )	UT 4	45	90	
	PT 2,5 / ST 2,5 / QTC 2,5	40	80	
	PT 4/ ST 4	45	90	RB UT 35-ST(2,5/4) 3047280
	QTC 1,5	35	70	
UT 35 (35 mm <sup>2</sup> )	UT 16	90	90	RB 35/16 3032169

Mounting material	Type	Order No.
⑫ Quick-mounting end bracket	CLIPFIX 35-5	3022276
⑬ Terminal strip marker carrier	KLM 3-L	0814788



For accessories list, see also pages 26-27.

# UT accessories

Terminal block	Bridges						Cover	End cover segment
	2-pos.	3-pos.	4-pos.	5-pos.	10-pos.	20-pos.		
UT 2,5...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/10 3047028	—
UT 4...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 2,5/10 3047028	—
UT 6...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	D-UT 2,5/10 3047028	—
UT 10...	FBS 2-10 3005947	—	—	FBS 5-10 3005948	—	—	D-UT 2,5/10 3047028	—
UT 16...	FBS 2-12 3005950	—	—	—	—	—	D-UT 16 3047206	—
UT 35...	FBS 2-16 3005963	—	—	—	—	—	Enclosed housing, no cover	—
UT 2,5-MT / ...-TG / ...-TWIN	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/4-TWIN 3047141	DS-UT 2,5/4 3047109
UT 4-TWIN... UT 4-MTD / ...-MTD-DIO	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 2,5/4-TWIN 3047141	DS-UT 2,5/4 3047109
UT 2,5-QUATTRO...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/4-QUATTRO 3047170	DS-UT 2,5/4 3047109
UT 4-TWIN-MT / ...-TG UT 4-QUATTRO... UT 4-QUATTRO-MT / ...-TG	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 2,5/4-QUATTRO 3047170	DS-UT 2,5/4 3047109
UT 4-MT / ...-TG UT 4-HESI... / ...-HEDI	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	Enclosed housing, no cover	—
UT 6-MT / ...-TG UT 6-HESI...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	Enclosed housing, no cover	—
UTTB 2,5...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UTTB 2,5/4 3047293	—
UTTB 4... UTTB 4-MT / ...-TG	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UTTB 2,5/4 3047293	—
UTTB 2,5/2P...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UTTB 2,5/4 2P 3060351	—
UT 2,5/1P...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/1P 3047154	—
UT 4/1P...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 2,5/1P 3047154	—
UT 2,5-TWIN/1P...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 4-TWIN/1P 3045237	DS-UT 2,5/4 3047109
UT 4-TWIN/1P...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 4-TWIN/1P 3045237	DS-UT 2,5/4 3047109
UT 4-QUATTRO/2P...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-UT 4-QUATTRO/2P 3045648	DS-UT 2,5/4 3047109
MUT 2,5...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-MUT 2,5/4 3248033	—
MUT 4...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	D-MUT 2,5/4 3248033	—
UT 2,5-3...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/3L 3214314	—
UT 2,5-PE...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UT 2,5/3L 3214314	—
UT 4-PE...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	Enclosed housing, no cover	—
UT 6-TMC...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	Enclosed housing, no cover	—
UT 6/1P...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	D-UT 2,5/1P 3047154	—
UT 6-QUATTRO/2P...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	D-UT 6-QUATTRO/2P 3060607	—
UTI 2,5...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	D-UTI/3 3076036	—

<sup>5)</sup> Only for feed-through terminal blocks

<sup>6)</sup> Only for ...-TG and ...-MT versions

## UT accessories

5	6	7	8	9	10	11
Partition plate	Test adapter	Modular test connector	Spacer plate for test connector	Marking	Screwdriver	Warning labels
ATP-UT 3047167	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT 3047167	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT 3047167	PAI-4-N GY 3032871	PS-8 3031005	DP PS-8 3036741	UC-TM 8, UCT-TM 8 or ZB 8	SZS 1,0X4,0 1205066	WS UT 6 3047345
ATP-UT 3047167	—	—	—	UC-TM 10, UCT-TM 10 or ZB 10	SZS 1,0X4,0 1205066	WS UT 10 3047361
—	—	—	—	UC-TM 12, UCT-TM 12 or ZB 12	SZS 1,0X6,5 1205079	WS UT 16 3047374
—	—	—	—	UC-TM 16, UCT-TM 16 or ZB 16,3	SZS 1,0 x 6,5 1205079	WS UT 35 3047387
ATP-UT-TWIN 3047183	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT-TWIN 3047183	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT-QUATTRO 3047196	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT-QUATTRO 3047196	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT-TWIN 3047183	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 5, UCT-TM 5 or ZB 5 UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT-TWIN 3047183	PAI-4-N GY 3032871	PS-8 3031005	DP PS-8 3036741	UC-TM 6, UCT-TM 6 or ZB 6 UC-TM 8, UCT-TM 8 or ZB 8	SZS 1,0X4,0 VDE 1205066	WS UT 6 3047345
ATP-UTTB 2,5/4 3047316	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UTTB 2,5/4 3047316	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UTTB 2,5/4 3047316	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT 3047167	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT 3047167	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT-QUATTRO 3047196	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
ATP-UT-QUATTRO 3047196	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
ATP-UT-QUATTRO 3047196	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
—	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 2,5 3047923
—	PAI-4-N GY 3032871	PS-6 3030996	DP PS-6 3036738	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
TP-UK 3003046	PAI-4-N GY 3032871	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	—
TP-UK 3003046	PAI-4-N GY 3032871	—	—	UC-TM 5, UCT-TM 5 or ZB 5	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
—	PAI-4-N GY 3032871	—	—	UC-TM 6, UCT-TM 6 or ZB 6	SF-SL 0,6X3,5-100 S-VDE 1212587	WS UT 4 3047332
—	PAI-4-N GY 3032871	—	—	UC-TM 12, UCT-TM 12 or ZB 12	SZS 1,0X4,0 1205066	WS UT 6 3047345
ATP-UT 3047167	PAI-4-N GY 3032871	PS-8 3031005	DP PS-8 3036741	UC-TM 8, UCT-TM 8 or ZB 8	SF-SL 0,8X4,0-100 S-VDE 1212588	WS UT 6 3047345
ATP-QTTCB 3206238	PAI-4-N GY 3032871	PS-8 3031005	DP PS-8 3036741	UC-TM 8, UCT-TM 8 or ZB 8	SF-SL 0,8X4,0-100 S-VDE 1212588	WS UT 6 3047345
ATP-PTI/3 3213990	—	PS-5 3030983	DP PS-5 3036725	UC-TM 5, UCT-TM 5 or ZB 5	SZS 0,6X3,5 1205053	WS UT 2,5 3047923

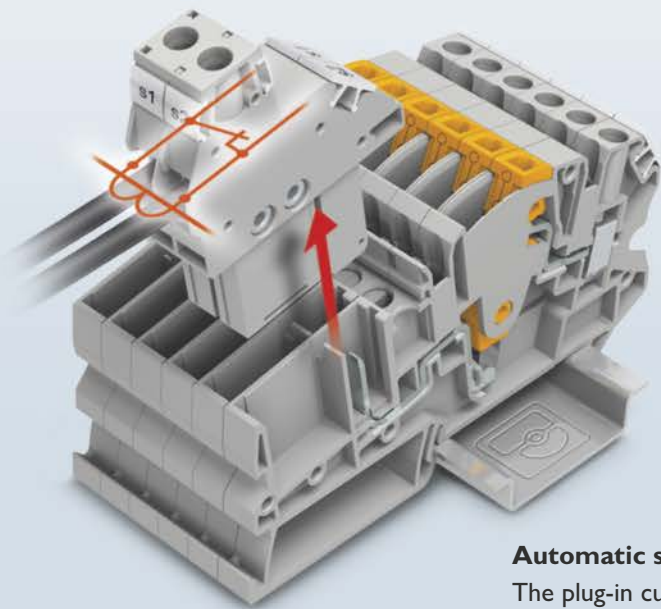
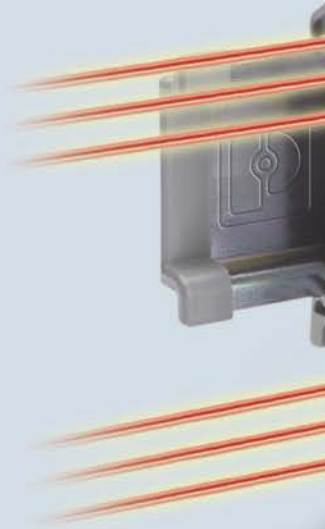
# Flexible for all transformer circuits – UTME measuring transducer disconnect terminal blocks with screw connection

The new measuring transducer terminal blocks can be used to design space-saving and modular switchgear. Alongside the disconnect terminal blocks, feed-through and PE terminal blocks of the same shape are also available for this purpose. The patented short-circuit connector is particularly convenient and safe: measuring transducers are protected against damage by means of automatic short-circuit.

## Unlimited flexibility

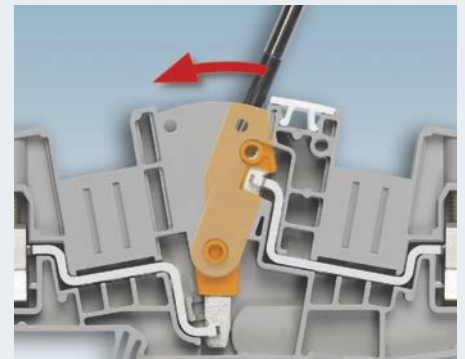
The triple function shaft on both sides of the longitudinal disconnect point enables the individual placement of bridging, testing, and switching accessories.

Non-adjacent bridges allow the star point to be formed conveniently inside the terminal strip, without the need for additional wire bridges.



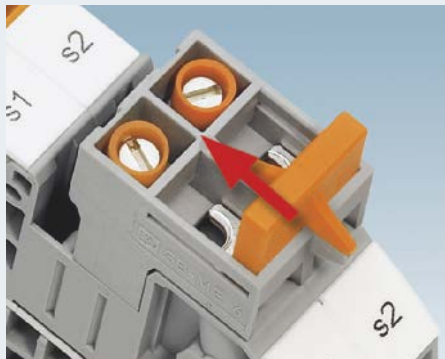
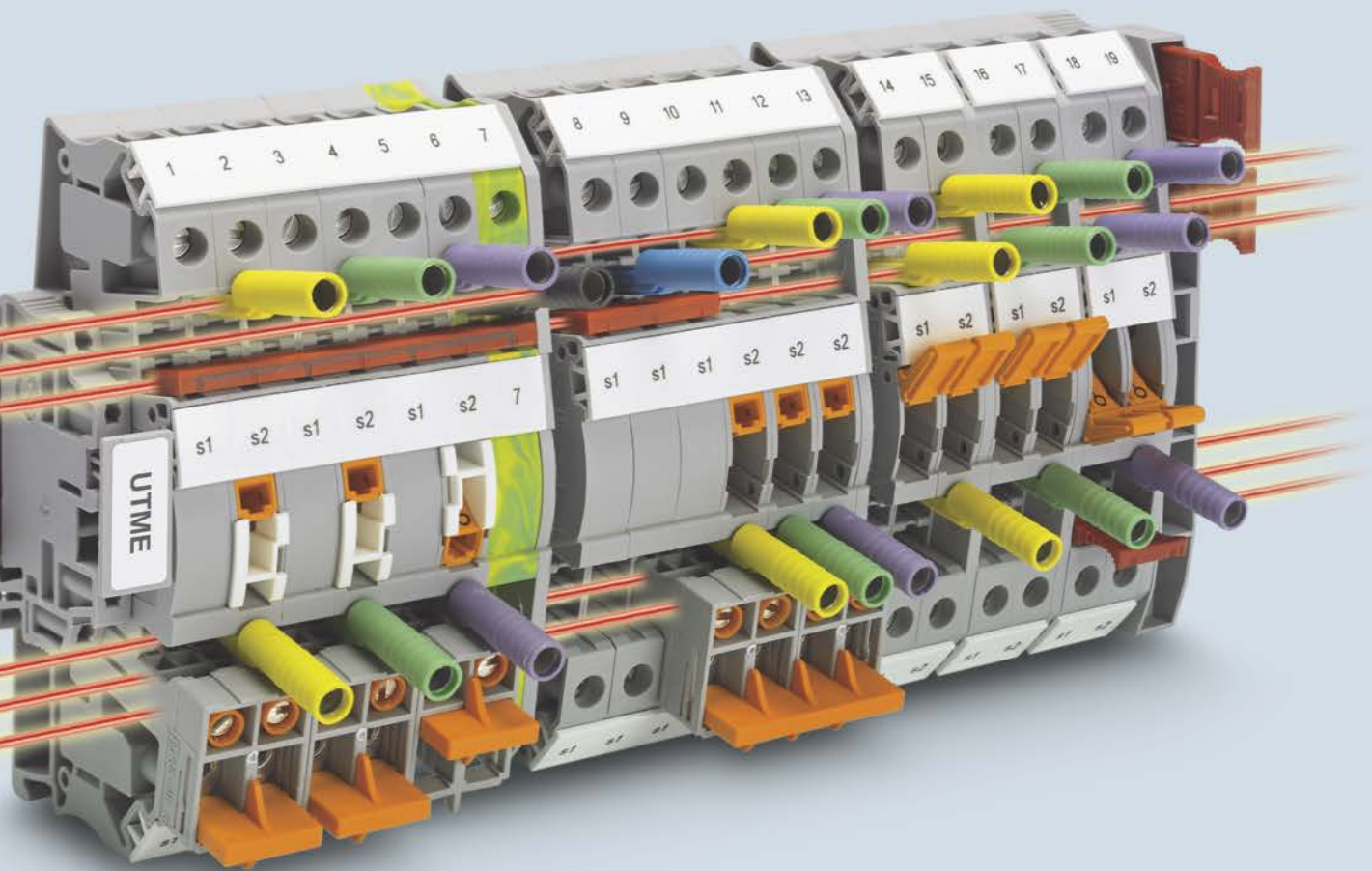
## Automatic short-circuiting

The plug-in current transformer disconnect terminal blocks and connectors also enable the safe plug-in wiring of current transformers. When the transformer connector is removed, an automatically leading current transformer short-circuit is ensured.



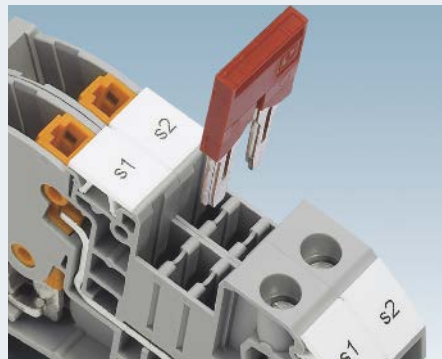
## Easy and safe isolation

The section disconnecter reliably makes contact and latches with a swiveling movement in the respective switching state. Switching symbols and optional switching locks also ensure a clear overview inside the measuring transducer terminal strip.



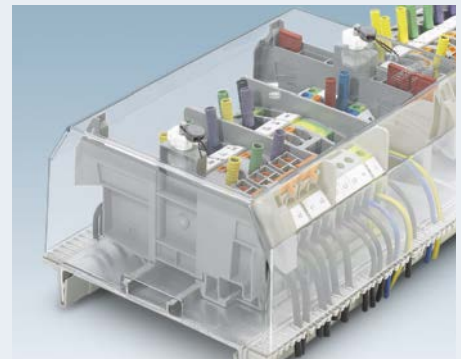
#### Safe short-circuiting with switching bridges

The plug-in current transformer short-circuit bridges can be used individually, based on the switching task, in the terminal block function shafts. The switching bridge disconnect element is operated with a screwdriver, which means that the switching operation is only ever activated intentionally.



#### Safe short-circuiting with bridges

The current transformer short-circuit can easily be implemented with the standard FBL bridges. FBSRH versions with molded extraction tool are available as 2, 3, and 4-position versions.




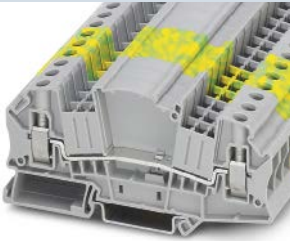
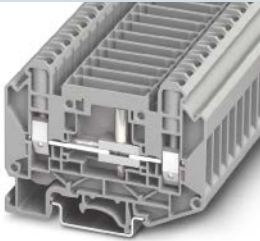


#### Safely covered

Cover profiles and covering hoods are available as accessories. These can be mounted and sealed on the measuring transducer strips in a way which protects them against external influences and manipulation.

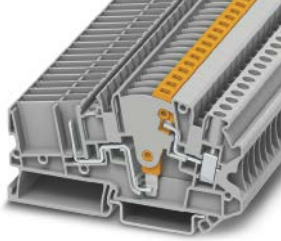


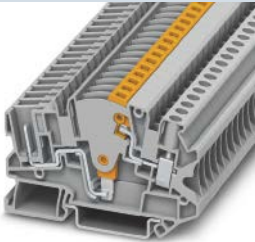


## Measuring transducer terminal blocks

... P/P = with test socket screws

								
Type	Order No.	Gray Gray Blue Green-yellow	<b>UTME 4</b> <b>UTME 4-P/P</b> <b>UTME 4-P/P BU</b>	<a href="#">3047452</a> <a href="#">3047453</a> <a href="#">3047454</a>	<b>UTMED 4</b>  <b>UTMED 4-PE</b>	<a href="#">3047465</a>  <a href="#">3047478</a>		
Width / length / height		[mm]	6.2 / 66 / 47.7		6.2 / 66 / 47.7			
Current / voltage // UL		[A] / [V]	28 / 500 // 25 / 600		32 / 500 // 30 / 150			
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10			
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12			
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5			
								
Type	Order No.	Gray Gray Green-yellow	<b>UTME 6</b>	<a href="#">3047400</a>	<b>UTMED 6</b> <b>UTMED 6-PE</b>	<a href="#">3047413</a> <a href="#">3047442</a>	<b>UT 6-T-HV</b> <b>UT 6-T-HV P/P</b>	<a href="#">3070134</a> <a href="#">3070121</a>
Width / length / height		[mm]	8.2 / 100.8 / 49.6		8.2 / 100.8 / 49.6		8.2 / 72.6 / 54.3	
Current / voltage // UL		[A] / [V]	30 / 500 // 30 / 600		41 / 500 // 30 / 600		57 / 1000 // - / -	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8		0.2 - 10 / 24 - 8 // 0.2 - 10 / 24 - 8	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.25 - 6 / 22 - 10		0.25 - 6 / 22 - 10		0.25 - 6 / 22 - 10	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.2 - 2.5 / 0.2 - 2.5		0.2 - 2.5 / 0.2 - 2.5		0.2 - 2.5 / 0.2 - 2.5	

## Plug-in current transformer disconnect terminal blocks

The terminal block UTME 4-CT/1P with patented short-circuit connector is particularly convenient and safe. If the connector is removed, an advanced short-circuit occurs automatically.

								
Type	Order No.	Gray	<b>UTME 4-CT/1P</b>	<a href="#">3057432</a>	<b>UPCT 4/2</b> 2-pos.	<a href="#">3057461</a>	<b>UPCT 4/3</b> 3-pos.	<a href="#">3057458</a>
Width / length / height		[mm]	6.2 / 86.5 / 49.5		12.4 / 38.5 / 48.5		18.6 / 38.5 / 48.5	
Current / voltage // UL		[A] / [V]	28 / 500 // 25 / 600		20 / 320 // 25 / 300		20 / 320 // 25 / 300	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 4 / 26 - 12		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10		0.14 - 6 / 26 - 10 // 0.14 - 6 / 26 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12		0.14 - 4 / 26 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5		0.14 - 1.5 / 0.14 - 1.5	
								
Type	Order No.	Gray	<b>UTME 4/1P</b>	<a href="#">3057416</a>	<b>UPBV 4/1</b> For more pos. variations, see p. 23 onwards.	<a href="#">3045800</a>	<b>UP 4/1</b> For more pos. variations, see p. 23 onwards.	<a href="#">3060115</a>
Width / length / height		[mm]	6.2 / 71.1 / 47.7		6.2 x number of positions / 22 / 48.5		6.2 x number of positions / 21 / 41.2	
Current / voltage // UL		[A] / [V]	28 / 500 // 25 / 600		32 / 800 // 30 / 600		32 / 800 // 30 / 600	
Solid / AWG // stranded / AWG		[mm <sup>2</sup> ] / -	0.14 - 6 / 26 - 10 // 0.14 - 4 / 26 - 12		0.2 - 6 / 24 - 10 // 0.2 - 6 / 24 - 10		0.2 - 6 / 24 - 10 // 0.2 - 6 / 24 - 10	
Stranded with ferrule / AWG		[mm <sup>2</sup> ] / -	0.14 - 4 / 26 - 12		0.25 - 4 / 22 - 12		0.25 - 4 / 22 - 12	
Two conduct. of same type solid / str.		[mm <sup>2</sup> ] / [mm <sup>2</sup> ]	0.14 - 1.5 / 0.14 - 1.5		0.2 - 1.5 / 0.2 - 1.5		0.2 - 1.5 / 0.2 - 1.5	

For connector accessories, see page 24.

## UTME accessories

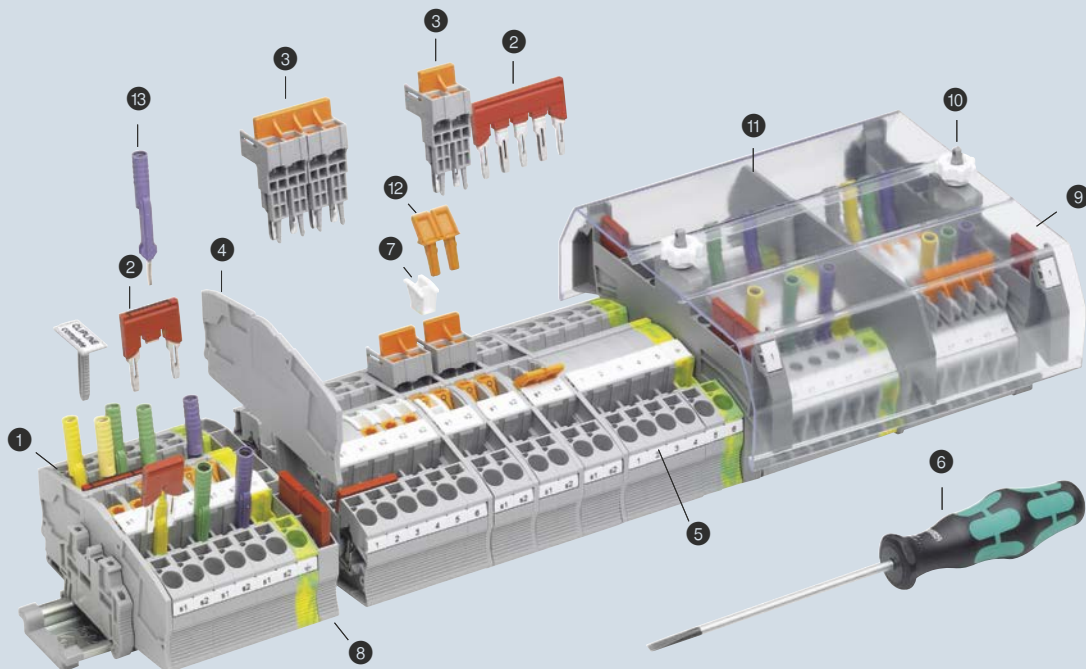
Terminal block	Bridges						Pre-assembled bridges				
	2-pos.	3-pos.	4-pos.	5-pos.	10-pos.	20-pos.	3-pos. Position 1	4-pos. Position 1	5-pos. Position 1	5-pos. Position 1, 3,	10-pos. Pos. 1, 4, 7, and 10
UTME... 4 ...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	–	–	–	–	–
UTME 4/1P	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	–	–	–	–	–
UTME 4-CT/1P	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	–	–	–	–	–
UTME...6 ...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	–	FBS 1/3-8 3032363	FBS 1/4-8 3032376	FBS 1/5-8 3032381	FBS 1/3/5-8 3032389	FBS 1/4/7/10-8 3032402
UT 6-T-HV...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	–	–	–	–	–	–

Terminal block	Switching bridge			Cover	Marking	Screwdriver	Switching lock, plug-in
	2-pos	3-pos.	4-pos.				
UTME... 4 ...	SB-ME 2-6 3035755	SB-ME 3-6 3035756	SB-ME 4-6 3035757	D-UTME 4 3047491	UC-TM 6, UCT-TM 6 or ZB 6	SZF 1-0,6X3,5 1204517	S-ME 4 3035758
UTME 4/1P	SB-ME 2-6 3035755	SB-ME 3-6 3035756	SB-ME 4-6 3035757	D-UTME 4/1P 3057429	UC-TM 6, UCT-TM 6 or ZB 6	SZF 1-0,6X3,5 1204517	S-ME 4 3035758
UTME 4-CT/1P	–	–	–	D-UTME 4-CT/1P 3057445	UC-TM 6, UCT-TM 6 or ZB 6	SZF 1-0,6X3,5 1204517	S-ME 4 3035758
UTME...6 ...	SB-ME 2-8 3034468	SB-ME 3-8 3032800	SB-ME 4-8 3034484	D-UTME 6 3047426	UC-TM 8, UCT-TM 8 or ZB 8	SZF 2-0,8X4,0 1204520	S-ME 6 3034439
UT 6-T-HV...	SB-MER 2-8 3000587	SB-MER 3-8 3000588	SB-MER 4-8 3000589	D-UT 6-T-HV 3070147	UC-TM 8, UCT-TM 8 or ZB 8	SZS 1,0X6,5 VDE 1204579	S-UT 6-T-HV 3070150

Mounting material	Type	Order No.
8 Separating disk, with storage option for FBS bridges ...-8	CARRIER 35-8	3034387
9 Cover profile	AP-ME METER	3034361
Covering hood	AH-ME	3240265
10 End bracket, for AP-ME cover profile, sealable, with storage option for bridges	APH-ME	3034374
11 Holder, for AP-ME cover profile	APT-ME	3034358
12 Connection bridge, for connecting measuring transducer disconnect terminal blocks, for UTME 4...	C-ME 4/2	3035759
	2-pos. C-ME 4/3	3035760
	3-pos. C-ME 6/1	3034441
	1-pos. C-ME 6/2	3034442
for UTME 6...	2-pos. C-ME 6/3	3034390

Mounting material	Type	Order No.	
13 Test adapter, for UTME(D) 6, UT 6-T-HV	orange	PAI-4-FIX OG	3034455
	Yellow	PAI-4-FIX YE	3032745
	Green	PAI-4-FIX GN	3032758
	Violet	PAI-4-FIX VT	3032761
	Black	PAI-4-FIX BK	3032774
	Blue	PAI-4-FIX BU	3032729
	Red	PAI-4-FIX RD	3032732
	Gray	PAI-4-FIX GY	3032790
13 Test adapter, for UTME(D) 4...	Brown	PAI-4-FIX BN	3032787
	orange	PAI-4-FIX-5/6 OG	3035974
	Yellow	PAI-4-FIX-5/6 YE	3035977
	Green	PAI-4-FIX-5/6 GN	3035978
	Violet	PAI-4-FIX-5/6 VT	3035979
	Black	PAI-4-FIX-5/6 BK	3035980
	Blue	PAI-4-FIX-5/6 BU	3035975
Red	PAI-4-FIX-5/6 RD	3035976	
Gray	PAI-4-FIX-5/6 GY	3035982	
Brown	PAI-4-FIX-5/6 BN	3035981	
Bridges with molded extraction tool, for UTME(D) 6	2-pos.	FBSRH 2-8	3033802
	3-pos.	FBSRH 3-8	3033803
	4-pos.	FBSRH 4-8	3033804

Additional bridges and numbers of positions can be found in catalog 3 or the product area on our website phoenixcontact.net/products.



## In dialog with customers and partners worldwide

Phoenix Contact is a globally present, Germany-based market leader. Our group is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. A global network across more than 100 countries, and 15,000 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, process and factory automation.



You will find our complete product range at:  
[phoenixcontact.com](http://phoenixcontact.com)

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