

Accessories

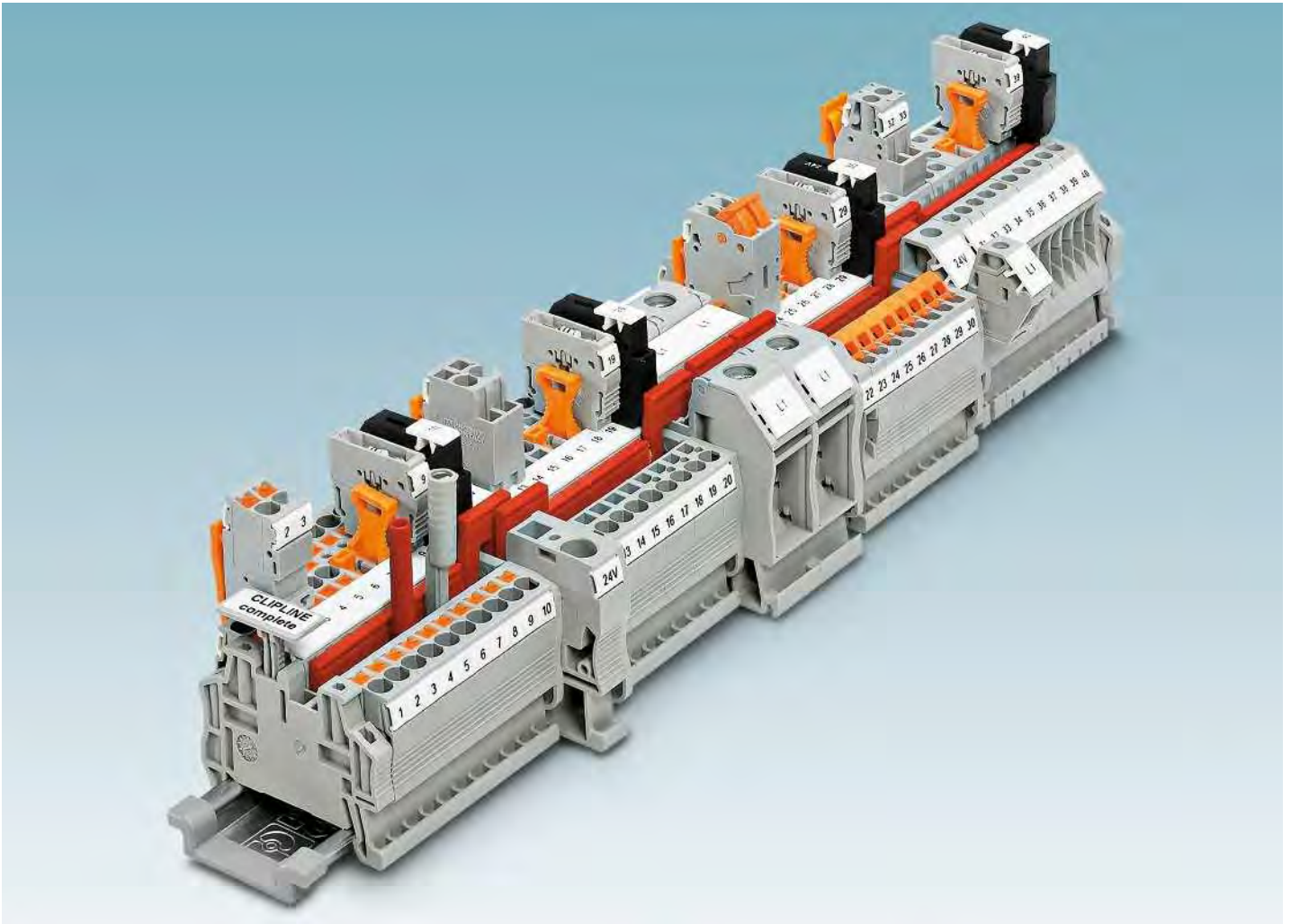
The CLIPLINE complete system offers you a uniform range of accessories for all connection technologies.

Marking and test accessories are standardized and reduce logistics costs. In addition, all terminal blocks of the CLIPLINE complete system can be freely combined with each other using the double function shaft. All disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. Various function connectors are available for use in the disconnect terminal blocks. Isolating connectors are used for simple disconnection. The fuse connectors are designed for the use of cartridge fuse inserts. The patented component connector allows you to mount components quickly, without the risk of polarity reversal, and without the need for soldering.

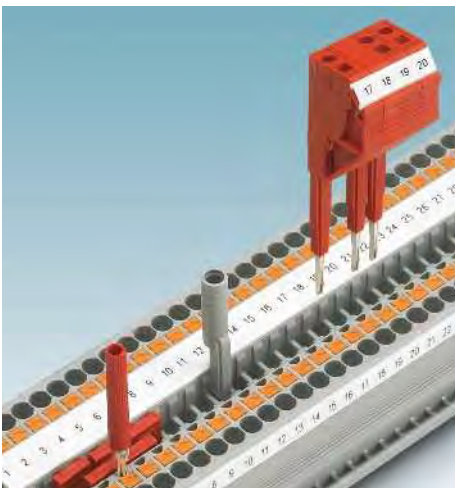
i Your web code: [#1402](#)

Product range overview

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Function shaft

All the terminal blocks in the CLIPLINE complete system have function shafts to allow fast and individual potential distribution through plug-in bridges and simple testing.



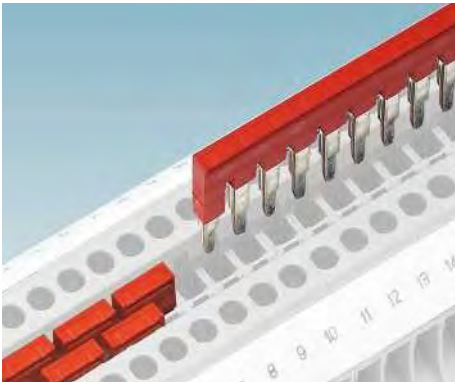
Multifunctional disconnect zone

All the disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. Various functional inserts are available for use in the disconnect terminal blocks.

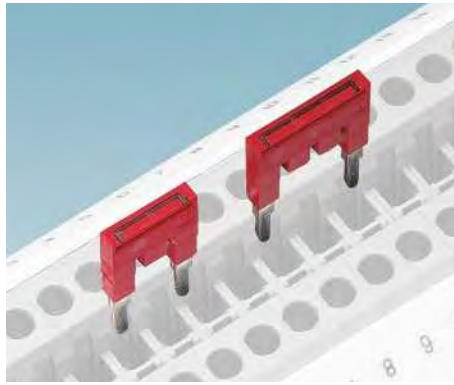


Marking

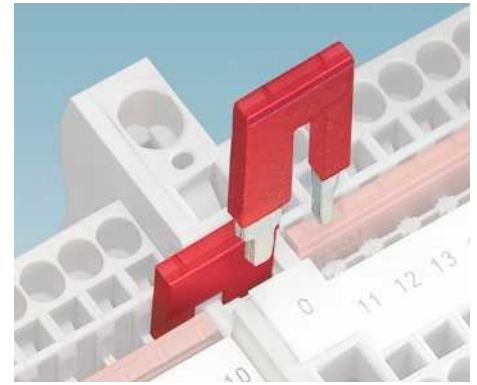
All terminal points in the terminal blocks of the CLIPLINE complete system can have large markings. Optional snap-on large marker carriers are available for group and terminal strip marking.



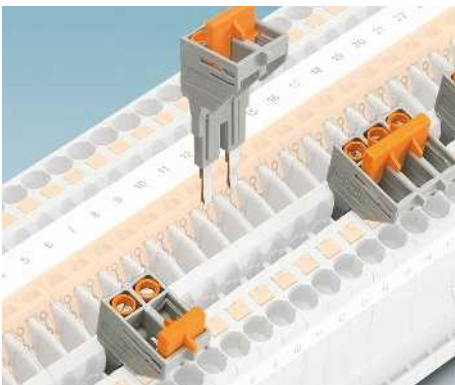
The bridge shafts are arranged in a line across all terminal blocks allowing for a combination of connection methods. The 2- to 50-pos. plug-in bridges allow all potential bridging tasks to be undertaken at speed.



Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



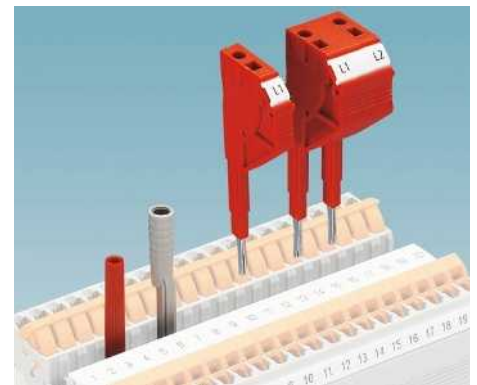
The reducing bridge enables terminal blocks with different nominal cross-sections to be connected with ease, e.g. a ST 10 terminal block with an ST 2,5. Power blocks can be created quickly using the reducing bridge.



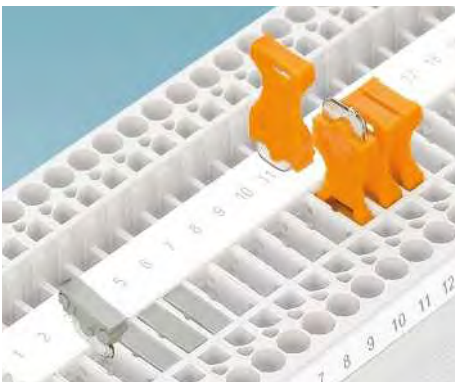
The plug-in SB-ME bridge bars make contact by being securely latched into the function shaft. They create a removable connection between neighboring terminal blocks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example.



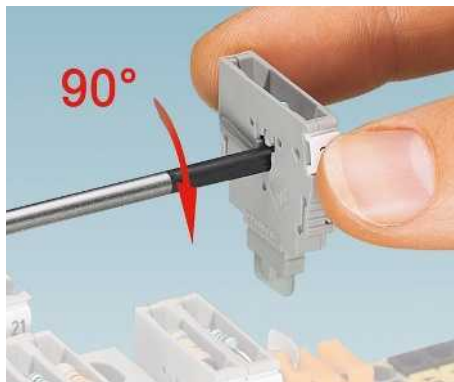
Vertical bridge to connect the upper and the lower levels of a double-level terminal block. The vertical bridge can be easily connected later through the function shaft of the upper level to the lower level.



A test plug with a diameter of 2.3 mm is available for measuring lines and a test adapter with a diameter of 4 mm is available for safety test plugs. Test adapters can be implemented quickly with the alignable test plug.



The P-DI isolating connector can be removed to release the connection easily, and then "parked" back to front in the disconnect zone. The P-FIX contact metal seals the disconnect point with the same shape and cannot be removed again once fitted.



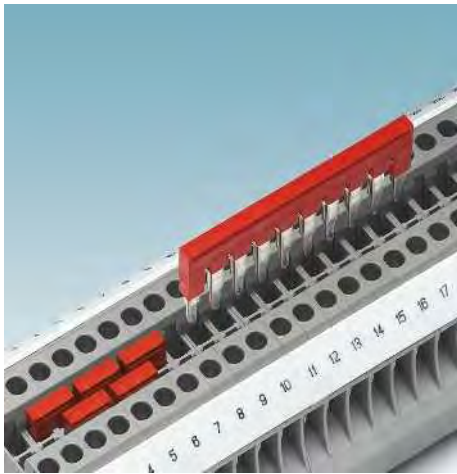
The patented component connector P-CO allows components to be quickly and reliably accommodated using spring-loaded contacts and to be connected without the risk of reverse polarity.



The fuse connectors P-FU are intended to accommodate cartridge fuse inserts. The fuse used can be checked visually via the LED.

Accessories

Plug-in bridges FBS ...



- To allow individual potential distribution, the terminal blocks of the CLIPLINE complete system have two bridge shafts
- The 2- to 50-pos. bridges can bridge up to 50 terminal blocks in one step in these bridge shafts

Designation of bridges

- The last digit in the bridge designation indicates the width of the terminal block. An FBS ...-4 bridge can be used with CLIPLINE complete terminal blocks with a width of 4.2 mm, and an FBS ...-6 bridge can be used with terminal blocks with a width of 6.2 mm

Notes:

The current values for the FBS ... bridges can deviate when used in different modular terminal blocks. The precise values can be found in the accessories data for the respective modular terminal blocks.



Plug-in bridge, red

ERC

Ordering data

Description	No. of pos.	Type	I _{max}	Order No.	Pcs./Pkt.	
Plug-in bridge	2	FBS 2-3,5	17.5 A	3213014	50	
	3	FBS 3-3,5		3213027	50	
	4	FBS 4-3,5		3213030	50	
	5	FBS 5-3,5		3213043	50	
	10	FBS 10-3,5		3213056	50	
	20	FBS 20-3,5		3213069	50	
Plug-in bridge	50	FBS 50-3,5		3000706	10	
	Plug-in bridge	2	FBS 2-4	17.5 A	3030116	50
		3	FBS 3-4		3030129	50
		4	FBS 4-4		3030132	50
		5	FBS 5-4		3030145	50
		10	FBS 10-4		3030158	10
20		FBS 20-4	3030352		10	
Plug-in bridge	2	FBS 2-5	24 A	3030161	50	
	3	FBS 3-5		3030174	50	
	4	FBS 4-5		3030187	50	
	5	FBS 5-5		3030190	50	
	10	FBS 10-5		3030213	10	
	20	FBS 20-5		3030226	10	
Plug-in bridge	50	FBS 50-5		3038930	10	
	Plug-in bridge	2	FBS 2-6	32 A	3030336	50
		3	FBS 3-6		3030242	50
		4	FBS 4-6		3030255	50
		5	FBS 5-6		3030349	50
		10	FBS 10-6		3030271	10
20		FBS 20-6	3030365		10	
Plug-in bridge	50	FBS 50-6		3032224	10	
	Plug-in bridge	2	FBS 2-8	41 A	3030284	10
		3	FBS 3-8		3030297	10
		4	FBS 4-8		3030307	10
		5	FBS 5-8		3030310	10
		6	FBS 6-8		3032470	10
10		FBS 10-8	3030323		10	
Plug-in bridge	2	FBS 2-10	50 A	3005947	10	
	5	FBS 5-10		3005948	10	
Plug-in bridge	2	FBS 2-12	76 A	3005950	10	
Plug-in bridge	2	FBS 2-16	101 A	3005963	10	
Pre-assembled bridge, labeled	3-pos., positions 1, 3	FBS 1/3-8	41 A	3032363	10	
	4-pos., positions 1, 4	FBS 1/4-8		3032376	10	
	5-pos., positions 1, 3, 5	FBS 1/3/5-8		3032389	10	
	10-pos., positions 1, 4, 7, 10	FBS 1/4/7/10-8		3032402	10	
	8-pos., positions 1, 2, 4, 6-8	FBS 1/2/4/6-8		3032378	10	
Cover cap, provides reliable touch protection when using cut-to-length FBS ...-5 and FBS ...-6 bridges	red	FBS C		3012325	50	

Accessories

FBS-PV ... vertical potential bridges

- Potential bridge for subsequent connection of the upper and the lower levels of a double-level terminal block
- The FBS-PV PT 2,5-4L vertical bridge can be used with the PT 2,5-4L ... terminal blocks
- The FBS-PV UT vertical bridge can be used with the UTTB 2,5, UTTB 4, PT 2,5-PE/3L, and PT 4-PE/3L



ERC

Description	No. of pos.	Ordering data				Ordering data			
		Type	I _{max}	Order No.	Pcs./Pkt.	Type	I _{max}	Order No.	Pcs./Pkt.
Vertical potential bridge, to connect the upper and lower level	1	FBS-PV PT 2,5-4L	10 A	3012318	50	FBS-PV UT	22 A	3047358	50

FBS-PV ... vertical potential bridges

- The vertical bridge FBS-PV can be used with the STTBS 2,5, STTBS 4, PTTB 2,5, PTTB 4, PTTBS 2,5, QTTCB 1,5, and STTB 2,5/4P
- The vertical bridge FBS 1,5/S-PV can be used with the PTTB 1,5/S, PT 1,5/S-3L, and PT 1,5/S-PE/L/L



ERC

ERC

Description	No. of pos.	Ordering data				Ordering data			
		Type	I _{max}	Order No.	Pcs./Pkt.	Type	I _{max}	Order No.	Pcs./Pkt.
Vertical potential bridge, to connect the upper and lower level	1	FBS-PV	32 A	3032185	50	FBS 1,5/S-PV	16 A	3216263	10

FBSW ... plug-in wire bridge



- Wires of different lengths are used to connect individual terminal blocks with different terminal widths and the plug-in bridge shaft
- For a terminal width of 5.2 mm and 6.2 mm

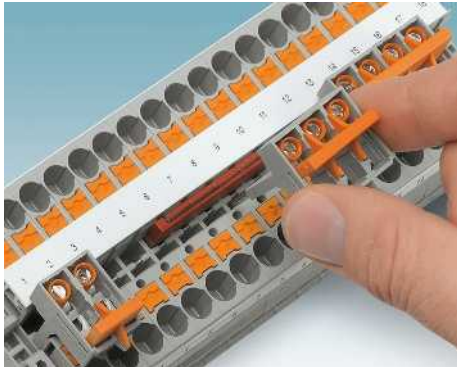


Description	No. of pos.
Wire bridge	
Length 60 mm	1
Length 110 mm	1
Length 250 mm	1

Ordering data				
Type	I _{max}	Order No.	Pcs./Pkt.	
FBSW 2-5/60MM	10 A	3030170	10	
FBSW 2-5/110MM		3030171	10	
FBSW 2-5/250MM		3030172	10	

Accessories

FBSR(H) ... plug-in bridges and SB-ME ... switching bridges



FBSRH

- The FBSRH ...-8 bridges have a molded extraction tool which means that they can be used conveniently and without tools for individual bridging tasks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example

SB-ME

- The plug-in SB-ME bridge bars make contact by being securely latched into the function shaft. They create a removable connection between neighboring terminal blocks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example

Designation of bridges

- The last digit in the bridge designation indicates the width of the terminal block. An FBSR ...-5 bridge can be used with CLIPLINE complete terminal blocks with a width of 5.2 mm, and an FBSR ...-6 bridge can be used with terminal blocks with a width of 6.2 mm

Notes:

The switching bridges also snap into the function shaft and occupy both bridge shafts.

The FBSR ... bridges have a reduced current carrying capacity in comparison with the standard FBS ... bridges.



Plug-in bridge

ERC

Ordering data

Description	No. of pos.	Type	I _{max}	Order No.	Pcs./Pkt.
Plug-in bridge	2	FBSR 2-5	17.5 A	3033702	50
	3	FBSR 3-5		3001591	50
	4	FBSR 4-5		3001592	50
	5	FBSR 5-5		3001593	50
	10	FBSR 10-5		3033710	10
Plug-in bridge	2	FBSR 2-6	24 A	3033715	50
	3	FBSR 3-6		3001594	50
	4	FBSR 4-6		3001595	50
	5	FBSR 5-6		3001596	50
	10	FBSR 10-6		3033716	10
Plug-in bridge	2	FBSR 2-8	32 A	3033808	10
	3	FBSR 3-8		3001597	10
	4	FBSR 4-8		3000585	10
	5	FBSR 5-8		3033809	10
	10	FBSR 10-8		3001599	10
	16	FBSR 16-8		3033816	10
Bridge, with extraction tool	2				
Bridge, with extraction tool	2				
	3				
	4				
Switching bridge, plug-in	2				
	3				
	4				
Switching bridge, plug-in	2				
	3				
	4				
Switching bridge, plug-in	2				
	3				
	4				
Accessories					
Cover cap, provides reliable touch protection when using cut-to-length FBS ...-5 and FBS ...-6 bridges	red	FBS		3012325	50
Partition plate, with storage option for switching bridges	gray				



Plug-in bridge,
with and without extraction tool



30 A, switching bridge,
plug-in with additional latching



25 A switching bridge,
plug-in

ERC

ERC

ERC

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
FBSRH 2-6	24 A	3033812	10
FBSRH 2-8	32 A	3033802	10
FBSRH 3-8		3033803	10
FBSRH 4-8		3033804	10

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
SB-ME 2-8	30 A	3034468	10
SB-ME 3-8		3032800	10
SB-ME 4-8		3034484	10

Ordering data			
Type	I _{max}	Order No.	Pcs./Pkt.
SB-ME 2-6	25 A	3035755	10
SB-ME 3-6		3035756	10
SB-ME 4-6		3035757	10
SB-MER 2-8	25 A	3000587	10
SB-MER 3-8		3000588	10
SB-MER 4-8		3000589	10

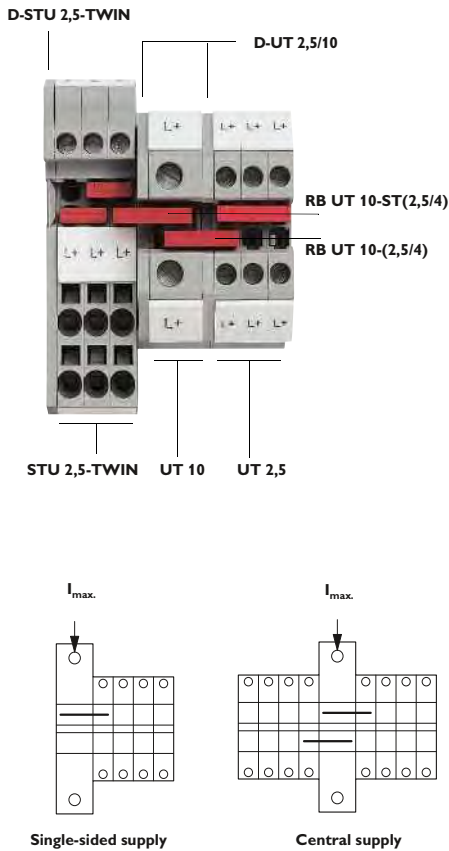
Accessories		
Type	Order No.	Pcs./Pkt.
CARRIER 35-8	3034387	10

Accessories		
Type	Order No.	Pcs./Pkt.

Accessories		
Type	Order No.	Pcs./Pkt.

Accessories

Example of a 10 mm² central supply with reducing bridges
RB UT 10-(2,5/4) to 2.5 mm²



Reducing bridges enable the simple connection of standard terminal blocks with different nominal cross sections and connection technologies from the CLIPLINE complete system. Power supplies with large cross sections can be easily distributed among several smaller output terminal blocks. The connection technologies and the connected cross sections must be taken into consideration in order to select suitable reducing bridges. The appropriate reducing bridge and the maximum permissible bridge current for single-sided supply and central supply can be determined using the adjacent table.

Note

When using reducing bridges, covers must be used depending on the supply direction. The auto correction function in PROJECT complete provides optimum support during this process.

Reducing bridging with standard UT feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm ²]	Terminal block	Cross section [mm ²]	I _{max.} [A]	I _{max.} [A]	
UT 4	4	UT 2,5	2,5	24	24	FBS 2-5 3030161
UT 6	6	UT 2,5	2,5	40	56	RB UT 6-(2,5/4) 3047251
		UT 4	4	45	56	
		PT 2,5	2,5	40	56	RB UT 6-ST(2,5/4) 3047264
		PT 4	4	45	56	
		ST 2,5	2,5	40	56	
		ST 4	4	45	56	
		QTC 1,5	1,5	35	56	
QTC 2,5	2,5	40	56			
UT 10	10	UT 2,5	2,5	40	65	RB UT 10-(2,5/4) 3047060
		UT 4	4	45	65	
		PT 2,5	2,5	40	65	RB UT 10-ST(2,5/4) 3047086
		PT 4	4	45	65	
		ST 2,5	2,5	40	65	
		ST 4	4	45	65	
		QTC 1,5	1,5	35	65	
QTC 2,5	2,5	40	65			
UT 16	16	UT 2,5	2,5	40	80	RB UT 16-(2,5/4) 3047073
		UT 4	4	45	90	
		UT 6	6	37	74	RB UT 16-ST(2,5/4) 3047099
		PT 2,5	2,5	40	80	
		PT 4	4	45	90	
		ST 2,5	2,5	40	80	
		ST 4	4	45	90	
QTC 1,5	1,5	35	70			
QTC 2,5	2,5	40	80			
UT 35	35	UT 2,5	2,5	40	80	RB UT 35-(2,5/4) 3047277
		UT 4	4	45	90	
		PT 2,5	2,5	40	80	RB UT 35-ST(2,5/4) 3047280
		PT 4	4	45	90	
		ST 2,5	2,5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1,5	35	70	
QTC 2,5	2,5	40	80			
UT 35	35	UT 10	10	57	114	RB UT 35-10 3032168
		UT 16	16	90	90	RB 35-16 3032169

Reducing bridging with standard RT feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm ²]	Terminal block	Cross section [mm ²]	I _{max.} [A]	I _{max.} [A]	
RT 5	6	UT 2,5	2,5	40	56	RB UT 6-(2,5/4) 3047251
		UT 4	4	40	56	
		RT 3	2,5	40	56	RB UT 6-ST(2,5/4) 3047264
		PT 2,5	2,5	40	56	
		PT 4	4	40	56	
		ST 2,5	2,5	40	56	
		ST 4	4	40	56	
QTC 1,5	1,5	35	56			
QTC 2,5	2,5	40	56			
RT 8	35	RT 3	2,5	40	56	RB ST 10-(2,5/4) 3030873
		UT 2,5	2,5	40	65	
		UT 4	4	45	65	

Reducing bridging with standard PT and ST feed-through terminal blocks						
Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm ²]	Terminal block	Cross section [mm ²]	I _{max} [A]	I _{max} [A]	
ST 2.5 PT 2.5	2.5	PT 1,5/S	1.5	24	30	RB ST (2,5/4)-1,5/S 3214356
		ST 1,5	1.5	31	31	RB ST (2,5/4)-1,5 3038943
		QTC 1,5	1.5	31	31	FBS 2-5 3030161
ST 4 PT 4	4	PT 1,5/S	1.5	24	40	RB ST (2,5/4)-1,5/S 3214356
		ST 1,5	1.5	35	40	RB ST (2,5/4)-1,5 3038943
		PT 2,5	2.5	40	40	FBS 2-5 3030161
		ST 2,5	2.5	40	40	
		QTC 1,5	1.5	35	40	FBS 2-6 3030336
		QTC 2,5	2.5	40	40	
ST 6 PT 6	6	PT 1,5/S	1.5	24	48	RB ST 6-1,5/S 3213250
		PT 2,5	2.5	40	56	RB ST 6-(2,5/4) 3030860
		PT 4	4	45	56	
		ST 2,5	2.5	40	56	
		ST 4	4	45	56	
		QTC 1,5	1.5	35	56	
		QTC 2,5	2.5	40	56	
ST 10 PT 10	10	PT 1,5/S	1.5	24	48	RB ST 10-1,5/S 3213252
		PT 2,5	2.5	40	65	RB ST 10-(2,5/4) 3030873
		PT 4	4	45	65	
		ST 2,5	2.5	40	65	
		ST 4	4	45	65	
		QTC 1,5	1.5	35	65	
		QTC 2,5	2.5	40	65	
ST 16 PT 16	16	PT 6	6	37	74	RB 16-6 3047072
		ST 6	6	37	74	RB ST 16-1,5/S 3213254
		PT 1,5/S	1.5	24	48	
		PT 2,5	2.5	40	80	RB ST 16-(2,5/4) 3030886
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
ST 35 PTPOWER 35	35	PT 2,5	2.5	40	80	RB ST 35-(2,5/4) 3030899
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
		PT 2,5	2.5	40	80	RB PTPOWER 35-ST (2,5/4) 3030900
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
PTPOWER 35	35	PT 16 N	16	90	125	RB PTPOWER 35-ST 16 3032170
		ST 16	16	90	125	
ST 35	35	ST 16	16	90	125	RB 35-16 3032169
STS 4	4	STS 2,5	2.5	40	40	FBS 2-5 3030161
STS 6	6	STS 2,5	2.5	40	56	RB ST 6-(2,5/4) 3030860
		STS 4	4	45	56	

Reducing bridging with standard QT feed-through terminal blocks						
Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm ²]	Terminal block	Cross section [mm ²]	I _{max} [A]	I _{max} [A]	
QTC 2.5	2.5	QTC 1,5	1.5	31	31	FBS 2-5 3030161

Terminal blocks – CLIPLINE complete

Accessories

Test plugs PS ...

- Two-part test plug for individual connector color combination
- The test connectors are plugged in the function shaft of the terminal blocks from the CLIPLINE complete system or in the test connections provided for them
- The modular test connector housings PS-...2,3MM can be used to put together individual test adapters



ERC

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Modular test plug housing , for MPS metal part, can be marked with ZB 5	red	PS-5/2,3MM RD	3038723	10
	red	PS-6/2,3MM RD	3038736	10
	red	PS-8/2,3MM RD	3048564	10
Insulating sleeve , for MPS metal part	white			
Insulating sleeve , for MPS metal part	red			
	blue			
	yellow			
	green			
	gray			
	black			
Test plug metal part , 2.3 mm Ø	gray	MPS-MT	0201744	10
4 mm Ø	silver	MPS-MT/ 4MM	3048577	10

ERC

Ordering data

Type	Order No.	Pcs./Pkt.
MPS-IH WH	0201663	10
MPS-IH RD	0201676	10
MPS-IH BU	0201689	10
MPS-IH YE	0201692	10
MPS-IH GN	0201702	10
MPS-IH GY	0201728	10
MPS-IH BK	0201731	10
MPS-MT	0201744	10
MPS-MT/ 4MM	3048577	10

Test plugs PS ...



ERC

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Individual test plug , delivery: 1-pos.				
Modular test plug , delivery: set of 10 with connection pin	red	PS-UK 2,5 B/E	3001132	10
Pitch 5.2 mm	red	PS-UK 2,5 B/Z-5	3001226	1
Modular test plug , delivery: set of 10 with connection pin				
Pitch 6.2 mm	red	PS-UK 2,5 B/Z-6	3001239	1

Test plugs PS ...

- The test connectors are plugged in the function shaft of the terminal blocks from the CLIPLINE complete system or in the test connections provided for them



ERC

ERC

Ordering data		
Type	Order No.	Pcs./Pkt.
PS-UKK/E	3000641	10

Ordering data		
Type	Order No.	Pcs./Pkt.
PS-UKK 3	3000638	1
PS-UKK 5	3000625	1

Description	Color
Individual double-level test plug , contacts in the upper and lower level simultaneously, delivery: 1-pos., for UTTB ...	red
Modular double-level test plug , contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 2,5	red
Modular double-level test plug , contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 4	red

Modular test plugs PS- and spacer plates DP PS-...

- The test plugs make contact in the function shaft of terminal blocks from the CLIPLINE complete system
- Test adapters can be assembled individually with the modular test plugs PS-... and spacers DP PS-...



Modular test plug



Spacer plates

Ordering data		
Type	Order No.	Pcs./Pkt.
PS-3,5/E	3031012	10
PS-4/E	3036709	10
PS-3,5	3031010	10
PS-4	3030970	10
PS-5	3030983	10
PS-6	3030996	10
PS-8	3031005	10

Ordering data		
Type	Order No.	Pcs./Pkt.
DP PS-3,5	3031011	10
DP PS-4	3036712	10
DP PS-5	3036725	10
DP PS-6	3036738	10
DP PS-8	3036741	10

Description	Color
Individual test plug , 3.5 mm width, can be marked with ZBF 3,5 and UCT-TMF 3,5	red
4.2 mm width, can be marked with ZBF 4, UC-TMF 4, and UCT-TMF 4	red
Modular test plug , for the individual assembly of test pin strips	
3.5 mm, can be marked with ZBF 3,5 and UCT-TMF 3,5	red
4.2 mm, can be labeled with ZBF 4, UC-TMF 4 and UCT-TMF 4	red
5.2 mm, can be labeled with ZBF 5, UC-TMF 5 and UCT-TMF 5	red
6.2 mm, can be labeled with ZBF 6, UC-TMF 6 and UCT-TMF 6	red
8.2 mm, can be labeled with ZBF 8, UC-TMF 8 and UCT-TMF 8	red

Terminal blocks – CLIPLINE complete

Accessories

Test adapters PAI ...

- Reliable contacting of test plugs with a 4 mm diameter in the function shaft
- The small external diameter of the test socket means that finger-safe protected safety connectors can also be used

Notes:
 *) Touch-proof against unintentional direct contact in accordance with DIN EN 50274 when plugged in.



4 mm test adapter, for terminal blocks with 4.2 mm pitch

ERC

Ordering data

Description	Color
Test adapter, 4 mm test socket hole*)	gray

Type	Order No.	Pcs./Pkt.
PAI-4	3030925	10



4 mm test adapter, for terminal blocks with 5.2 mm, 6.2 mm and 8.2 mm pitch

ERC

Ordering data

Type	Order No.	Pcs./Pkt.
PAI-4-N GY	3032871	10

Snap-on test adapters PAI-4-FIX ...

- Test adapter for accommodating safety test plugs with a 4 mm diameter
- Makes contact and latches securely at any point in the function shaft

Notes:
 Touch-proof against unintentional direct contact in accordance with DIN EN 50274 when plugged in.



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

ERC

Ordering data

Description	Color
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	

Type	Order No.	Pcs./Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
PAI-4-FIX-5/6 WH	3035983	10



4 mm test adapter, for terminal blocks with 8.2 mm pitch

ERC

Ordering data

Type	Order No.	Pcs./Pkt.
PAI-4-FIX OG	3034455	10
PAI-4-FIX YE	3032745	10
PAI-4-FIX GN	3032758	10
PAI-4-FIX VT	3032761	10
PAI-4-FIX BK	3032774	10
PAI-4-FIX BU	3032729	10
PAI-4-FIX RD	3032732	10
PAI-4-FIX GY	3032790	10
PAI-4-FIX BN	3032787	10
PAI-4-FIX WH	3032797	10

PAIS ... test plugs

- Angled test plug for accommodating safety test plugs with a 4 mm diameter
- Makes contact and latches securely at any point in the function shaft

Notes:

1) Touch-proof against unintentional direct contact in accordance with DIN EN 50274 when plugged in.



ERIC

		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Test plug¹⁾				
	gray	PAIS-4-FIX GY	3032791	10
	black	PAIS-4-FIX BK	3032792	10
	red	PAIS-4-FIX RD	3032793	10
	blue	PAIS-4-FIX BU	3032798	10
	yellow	PAIS-4-FIX YE	3032799	10
	green	PAIS-4-FIX GN	3032801	10
	violet	PAIS-4-FIX VT	3032802	10

Accessories

Fuse connectors P-FU ...

- Large-surface marking options
- Versions with bipolar error display
- Test contacts on both sides of the fuse

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) For max. power dissipation, see page 694.



6.2 mm fuse connector,
for 5 x 20 mm cartridge fuses



6.2 mm fuse connector,
for 5 x 20 mm cartridge fuses



Technical data		
Width	Length	Height
6.2	25	57.7
Maximum load current: 6.3 ²⁾ [A]		

Ordering data		
Type	Order No.	Pcs./Pkt.
P-FU 5X20-5	3209235	10
P-FU 5X20 LED 24-5	3209248	10
P-FU 5X20 LED 60-5	3209251	10
P-FU 5X20 LED 250-5	3209264	10

Accessories
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 3)



Technical data		
Width	Length	Height
6.2	28	25
Maximum load current: 6.3 ²⁾ [A]		

Ordering data		
Type	Order No.	Pcs./Pkt.
P-FU 5X20	3036806	10
P-FU 5X20 LED 24	3036819	10
P-FU 5X20 LED 60	3036822	10
P-FU 5X20 LA 250	3036835	10

Accessories
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)

Dimensions	[mm]
Rated data	
Maximum load current	[A]
Description	Color
Fuse connector, width: 5.2 mm	black
LED for 12 - 30 V DC, 0.35 - 0.95 mA ¹⁾	black
for 30 - 60 V AC/DC, 0.36 - 0.95 mA ¹⁾	black
for 110 - 250 V AC/DC, 0.4 - 0.95 mA ¹⁾	black
Fuse connector, width: 6.2 mm ²⁾	black
with LED for 12 - 30 V DC, 0.31 - 0.95 mA ¹⁾	black
30 - 60 V AC/DC, 0.40 - 0.86 mA ¹⁾	black
for 110 - 250 V AC/DC, 0.41 - 0.96 mA	black

Center groove labeling

Fuse connectors P-FU ...

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) For max. power dissipation, see page 694.



- Large-surface marking options
- Versions with bipolar error display
- Test contacts on both sides of the fuse



8.2 mm fuse connector,
for 6.3 x 32 mm cartridge fuses



Dimensions	[mm]
Rated data	
Maximum load current	[A]
General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Description	Color
Fuse connector, width: 8.2 mm	black
with LED for 12 - 30 V DC, 0.31 - 0.95 mA ¹⁾	black
30 - 60 V AC/DC, 0.40 - 0.86 mA ¹⁾	black
for 110 - 250 V AC/DC, 0.41 - 0.96 mA	black

Center groove labeling

Technical data		
Width	Length	Height
8.2	40	27
Maximum load current: 10 ²⁾ [A]		

Ordering data		
Type	Order No.	Pcs./Pkt.
P-FU 6,3X32	3046498	10
P-FU 6,3X32 LED 24	3046508	10
P-FU 6,3X32 LED 60	3046511	10
P-FU 6,3X32 LA 250	3046524	10

Accessories
UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 3)

Switching lock S-MT



- The optional switching lock snaps in and effectively prevents accidental switching
- Can be used in all knife disconnect terminal blocks ...-MT from the CLIPLINE complete system



Switching lock

EAC

Dimensions	
	[mm]

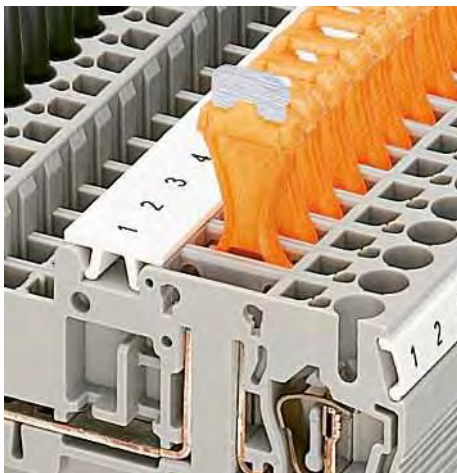
General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V2

Description	Color
Switching lock, plug-in	white

Technical data		
Width	Length	Height
3.5	10.5	23.1

Ordering data		
Type	Order No.	Pcs./Pkt.
S-MT	3247954	50

Isolating connectors P-DI



- The isolating connector P-DI can be removed to release the connection easily and then “parked” back to front in the disconnect zone
- Can be used in all disconnect terminal blocks ...-TG from the CLIPLINE complete system

Notes:

¹⁾ Observe max. load current.



Function plug for universal disconnect zone

EAC

Dimensions	
	[mm]

Rated data	
Maximum load current	[A]
	20

General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V2

Description	Color
Isolating plug ¹⁾	orange

Technical data		
Width	Length	Height
3.5	10.8	23.1

Ordering data		
Type	Order No.	Pcs./Pkt.
P-DI	3036783	50

Accessories

Through connectors P-FIX



- The P-FIX contact metal seals the disconnect point with the same shape and cannot be removed again once fitted
- Can be used in all disconnect terminal blocks ...-TG from the CLIPLINE complete system

Notes:
1) Observe max. load current.

Dimensions	[mm]
Width	4
Length	10.5
Height	-

Rated data	[A]
Maximum load current	20

General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Description	Color
Feed-through connector ¹⁾	gray



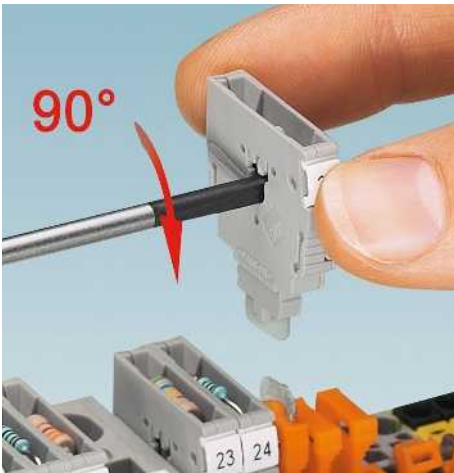
Feed-through connector



Technical data		
Width	Length	Height
4	10.5	-
Maximum load current	20	
Insulating material	PA	
Flammability rating in accordance with UL 94	V0	

Ordering data		
Type	Order No.	Pcs./Pkt.
P-FIX	3038956	50

Component connectors P-CO ...



- The P-CO patented component connector can quickly and reliably accommodate components using spring-loaded contacts
- A coder recess ensures protection against incorrect polarity
- For assembly, the spring-cage connections are opened or closed inside the connector with just one turn of the standard screwdriver

Notes:
1) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A
2) Depending on the power dissipation of the components. Max. 0.5 W with separate arrangement.

Dimensions	[mm]
Width	5.1
Length	24.2
Height	33.3

Rated data	[A]
Maximum load current	6 ²⁾

General data	
Insulating material	PA
Flammability rating in accordance with UL 94	V0

Description	Color
Component connector, labeled with ZBF 5 or UC-TMF 5	gray
Component connector, with integrated 1N 4007 diode, conducting direction from right to left, direction viewed: Open terminal side ¹⁾	gray
Conducting from left to right, direction viewed: Open terminal side	gray



Component connector



Technical data		
Width	Length	Height
5.1	24.2	33.3
Maximum load current	6 ²⁾	
Insulating material	PA	
Flammability rating in accordance with UL 94	V0	

Ordering data		
Type	Order No.	Pcs./Pkt.
P-CO	3036796	10
P-CO 1N4007/R-L	3032457	10
P-CO 1N4007/L-R	3032460	10

P-CO XL component connectors



- Fast component installation without soldering, thanks to spring-cage connection
- Can be flexibly plugged into all CLIPLINE complete disconnect terminal blocks, thanks to universal disconnect zone
- Safe use of discrete components with high power dissipation, thanks to optimum heat dissipation
- Plug-in integration of discrete components with a diameter of up to 10 mm
- Coding ensures connection without the risk of polarity reversal

Notes:

¹⁾ Dependent on the power dissipation of the components.
Max. 1 W with single arrangement.



Component connector

**Technical data**

Dimensions	Width	Length	Height
	12.3	41.2	37.5
Rated data			
Maximum load current	10 ¹⁾		
General data			
Insulating material	PA		
Flammability rating in accordance with UL 94	V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Component connector , for PT, ST, QTC disconnect terminal blocks, engaged in the central marking groove	gray	P-CO XL	3036797	10
Component connector , can be fitted with SKN 2,5 diode, for PT, ST, QTC disconnect terminal blocks, engaged in the central marking groove	gray	P-CO XL SKN	3036798	10
Component connector , for UT disconnect terminal blocks	gray	P-CO XL-UT	3036799	10

Accessories

Lateral groove labeling	UC-TMF 8 or ZBF 8 (see Catalog 3)
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Accessories

STP ... marker carriers, for multi-level terminal blocks



STP ...

- The marker carriers enlarge the marking areas of wired multi-level terminal blocks
- Depending on version, the marker carriers are placed in the receivers on the upper terminal block level

STP ...-ZB

- The marker carriers can, for example, snap into the center marking groove of ST spring-cage terminal blocks and double the marking area; see figure below

CARRIER-TM 300

- Can be snapped into all terminal blocks in the CLIPLINE complete system that have a lateral flat marker groove
- For accommodating ZB ..., UC-TM ... or UCT-TM ... terminal markers which increases the marking area

CARRIER-TMD 300

- Double-row snap-in marker adapter for accommodating two ZB ... or UC-TM ... and UCT-TM ... terminal markers which doubles the marking area



Marker carrier

General data

Material	PA
Flammability rating in accordance with UL 94	V2
Temperature range	-40 ... 100 [°C]
Components	free from silicone and halogen

Technical data

Material	PA
Flammability rating in accordance with UL 94	V2
Temperature range	-40 ... 100 [°C]
Components	free from silicone and halogen

Description

Double marker carrier, can be snapped into PTTB 1,5/S Push-in double-level terminal blocks, can be marked with: ZB(F) 3,5 or UCT-TM(F) 3,5

gray

Triple marker carrier, can be snapped into the Push-in three-level terminal block PT 1,5/S-3..., can be marked with: ZB(F) 3,5 or UCT-TM(F) 3,5

gray

Double marker carrier, can be snapped into the STTB 1,5, PTTB 1,5 double-level spring-cage terminal blocks, can be marked with: UC-TM(F) 4, ZB(F) 4 or UCT-TM(F) 4

gray

Double marker carrier, can be snapped into STTB 2,5, STTB 4, PTTB 2,5, PTTB 4 double-level terminal blocks, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5

gray

Triple marker carrier, can be snapped into the ST 2,5-3..., PT 2,5-3... three-level terminal block, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM 5

gray

Double marker carrier, can be snapped into QTTCB ... and QTTCBS ... double-level fast-connection terminal blocks, can be marked with UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5

gray

Double marker carrier, can be snapped into all terminal blocks with a width of 4.2 mm and a central zack marker strip groove, can be marked with: UC-TM(F) 4, ZB(F) 4 or UCT-TM(F) 4

gray

Double marker carrier, can be snapped into all terminal blocks with a width of 5.2 mm or above and a central zack marker strip groove, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5

gray

Marker adapter, 300 mm long, can be snapped into the lateral groove on terminal blocks, designed to accommodate UC-TM..., ZB... or UCT-TM...

gray

Marker adapter, double row, 300 mm long, can be snapped into the center groove on terminal blocks, designed to accommodate two UC-TM..., ZB... or UCT-TM...

gray

Marker adapters, such as the CARRIER-TM 300; marking area at an angle to the top of the terminal block, designed to accommodate UC-TM..., ZB... or UCT-TM...

gray

Ordering data

Type	Order No.	Pcs./Pkt.
STP 3,5-2	0830131	100
STP 3,5-3	0830132	100
STP 4-2	0810575	100
STP 5-2	0800967	100
STP 5-3	0810562	100
STP 5-2/S	0800970	100
STP 4-2-ZB	3038613	100
STP 5-2-ZB	3037643	100
CARRIER-TM 300	0828282	25
CARRIER-TMD 300	0828693	25
CARRIER-TMH 300	0830670	25

Terminal block group marking GBS ...

- Space-saving group labeling directly on the terminal block
- Fits all terminal blocks with a high central marker groove
- Large-surface labeling with labels or manually using B-STIFT or X-PEN



3.5 mm and 5.2 mm pitch



29 mm pitch

General data		Technical data			Technical data		
Material		PA		PA / PC			
Flammability rating in accordance with UL 94		V2		V2			
Temperature range	[°C]	-40 ... 120		-40 ... 100			
Components		free from silicone and halogen		free from silicone and halogen			
Description		Ordering data			Ordering data		
	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Group marking label , can be snapped into terminal center, can be marked with an EML (24X4)R or EML (25,4X12,7)R... label or manually with B-STIFT or X-PEN, in the foot part with ZB 5, UC-TM 5 or UCT-TM 5							
	gray	GBS 5-25X5	0829126	100			
	gray	GBS 5-25X12	0810588	100			
Group marking label , can be snapped into terminal center, can be labeled with ESL 26 x 6 or EMT (25 x 6) R insert strips, in foot part with zack marker strip ZB, length: 29 mm							
	gray				GBS-ZB/26X6	0809298	50

Warning labels WS ...



- Warning labels and warning covers serve to cover and identify mains terminal blocks
- This prevents accidental actuation of the terminal points
- The WS UT ... warning labels snap into the screw shafts of the relevant terminal block, they can be isolated lengthwise and crosswise
- The WS PT ... warning labels snap into the inspection holes of the Push-in terminal blocks

General data

Material
Wipe resistance

Technical data

PVC
DIN EN 61010-1 (VDE 0411-1)

Ordering data

Description	Color
Warning label, for PT series	
5.2 mm wide	yellow/black
6.2 mm wide	yellow/black
8.2 mm wide	yellow/black
10.2 mm wide	yellow/black
12 mm wide	yellow/black
Warning label, for UT series	
5.2 mm wide	yellow/black
6.2 mm wide	yellow/black
8.2 mm wide	yellow/black
10.2 mm wide	yellow/black
12 mm wide	yellow/black
16 mm wide	yellow/black
Warning cover, for ST series	
4.2 mm wide	yellow
5.2 mm wide	yellow
6.2 mm wide	yellow
8.2 mm wide	yellow
10.2 mm wide	yellow

Type	Order No.	Pcs./Pkt.
WS PT 2,5	1029026	10
WS PT 4	1029563	10
WS PT 6	1029029	10
WS PT 10	1029030	10
WS PT 16	1029033	10
WS UT 2,5	3047923	10
WS UT 4	3047332	10
WS UT 6	3047345	10
WS UT 10	3047361	10
WS UT 16	3047374	10
WS UT 35	3047387	10
WST 1,5	3030958	50
WST 2,5	3030941	50
WST 4	3030954	50
WST 6	3030967	10
WST 10/35	3030006	25



Warning label, for ST series



Warning label, for PT series

Warning label, with diode circuit symbols



General data		Technical data		
Material		PVC		
Wipe resistance		DIN EN 61010-1 (VDE 0411-1)		
Description		Ordering data		
Warning label, for the PT series, with diode circuit symbols	Color	Type	Order No.	Pcs./Pkt.
	yellow/black	WS-DIO PT 2,5	1029037	10

CEC ... cover for conductor shaft

- Filler plug for the cover for the conductor shaft
- CEC 2,5 can be used with PT 2,5 Push-in connection terminal blocks and ST 2,5 spring-cage connection terminal blocks
- The CEC PTPOWER ... warning labels can be used with PTPOWER Push-in connection terminal blocks



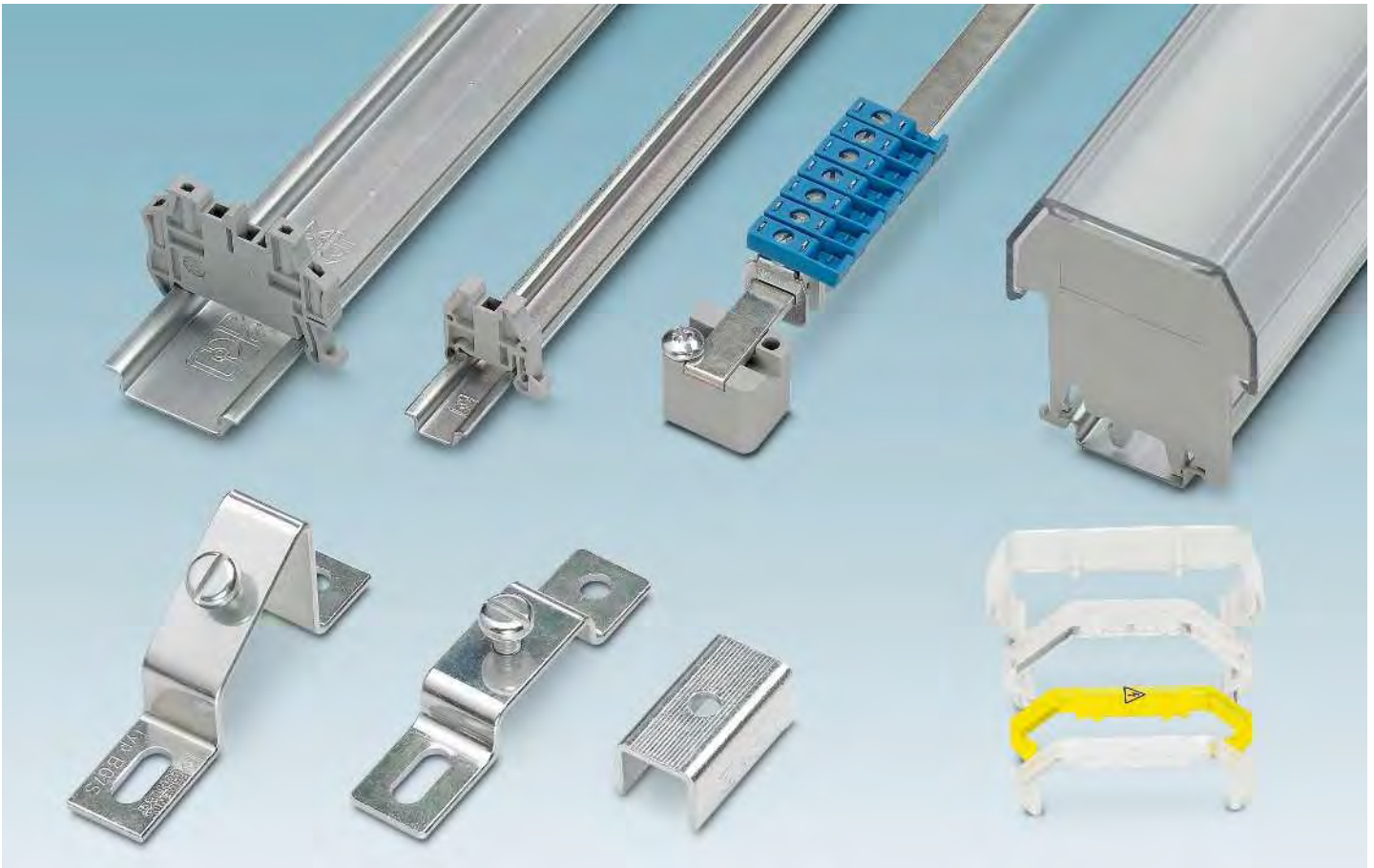
Cover for PT 2,5 and ST 2,5 terminal blocks



Cover for PTPOWER ... terminal blocks

new

Description		Ordering data			Ordering data		
	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Cover, for conductor shaft, 10-pos.	yellow	CEC 2,5	3062757	50			
Cover, for conductor shaft with PTPOWER 35 and PTPOWER 50	yellow				CEC PTPOWER 35/50	1056086	10
Cover, for conductor shaft with PTPOWER 95 and PTPOWER 185	yellow				CEC PTPOWER 95/185	1056087	10



You can save time when securing electrical connections and components in switchgear by using suitable mounting devices. Make the best use of space in the control cabinet by cleverly combining mounting accessories. The DIN rails form the basis of the control cabinet inner workings. They guarantee that rail-mounted components are held safely in place.

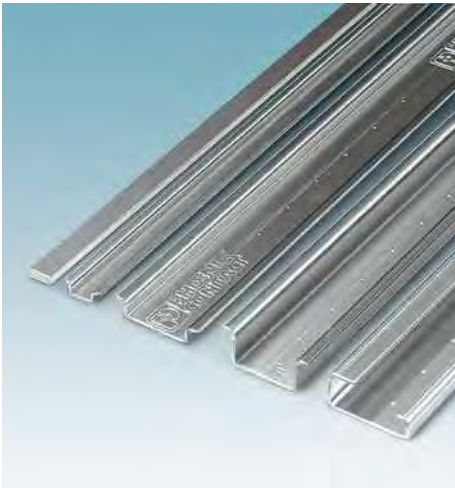
Phoenix Contact offers a wide range of standardized rails made from various materials. The rails can be ordered cut to length and with pre-drilled holes. The product range is completed with round cable clamps and profile rails.

End brackets are used for secure lateral holding of the components, especially in the event of jolts and vibrations in the systems. Depending on the application, they must either be fastened using screws or can simply be snapped onto the DIN rails as in the case of the CLIPFIX series. Marker carriers can be snapped onto the end brackets. This provides a good overview and creates a visual distinction between individual terminal strip blocks.

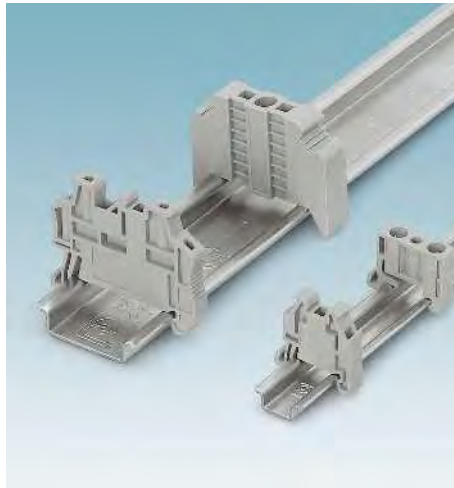
There is a wide range of cover profiles to ensure the necessary level of safety. The wide choice of cable ducts provides users with flexible and straightforward cable installation solutions that simply involve breaking out the lateral segments without any need for tools. The mounting material range is rounded off with installation materials that include pick-off terminal blocks, Europe connectors, and junction box connectors.

Detailed information can be found in Catalog 3 or at phoenixcontact.net/products

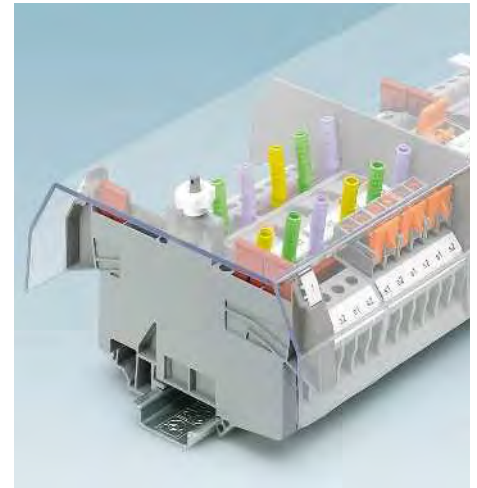
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For control cabinet manufacturing applications, the key features of the NS 15 and NS 35 DIN rails are their high degree of dimensional accuracy and double surface tempering. They are galvanized and feature thick layer passivation, which makes them RoHS compliant.



When used in conjunction with the various standard DIN rails, the end brackets ensure that the components remain securely attached to the rails. A comprehensive range of end brackets is available for specific applications.



The cover profiles are used to cover live parts. They also prevent unintended actuation of terminal points or disconnect terminal blocks.



Phoenix Contact offers various connecting terminal blocks, branch terminal blocks and power terminal blocks for busbars in switchgear and control gear.



The wide range of Europe terminal blocks includes terminal blocks with and without wire protection. The individual positions can be separated easily by twisting without the need for tools. The Push-in connection technology of the socket terminal block series makes it easy to insert rigid conductors or conductors with ferrules into the terminal point. Low insertion forces and high pull-out forces ensure a secure connection.



The rail-mountable socket in a standard format is as much a must in modern switchgear as in simple distributors. The socket is mounted in an exposed position to allow assembly tools, service devices, and other electrical equipment to be installed conveniently.