

**CLIPLINE**

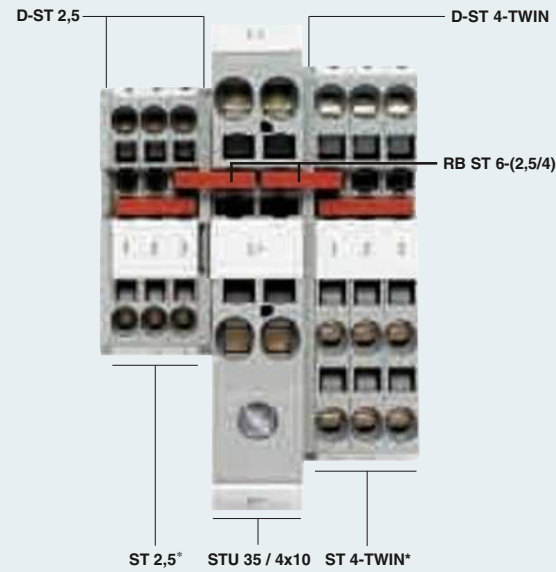


## **CLIPLINE complete**

STU hybrid terminal blocks with  
spring-cage and screw connection

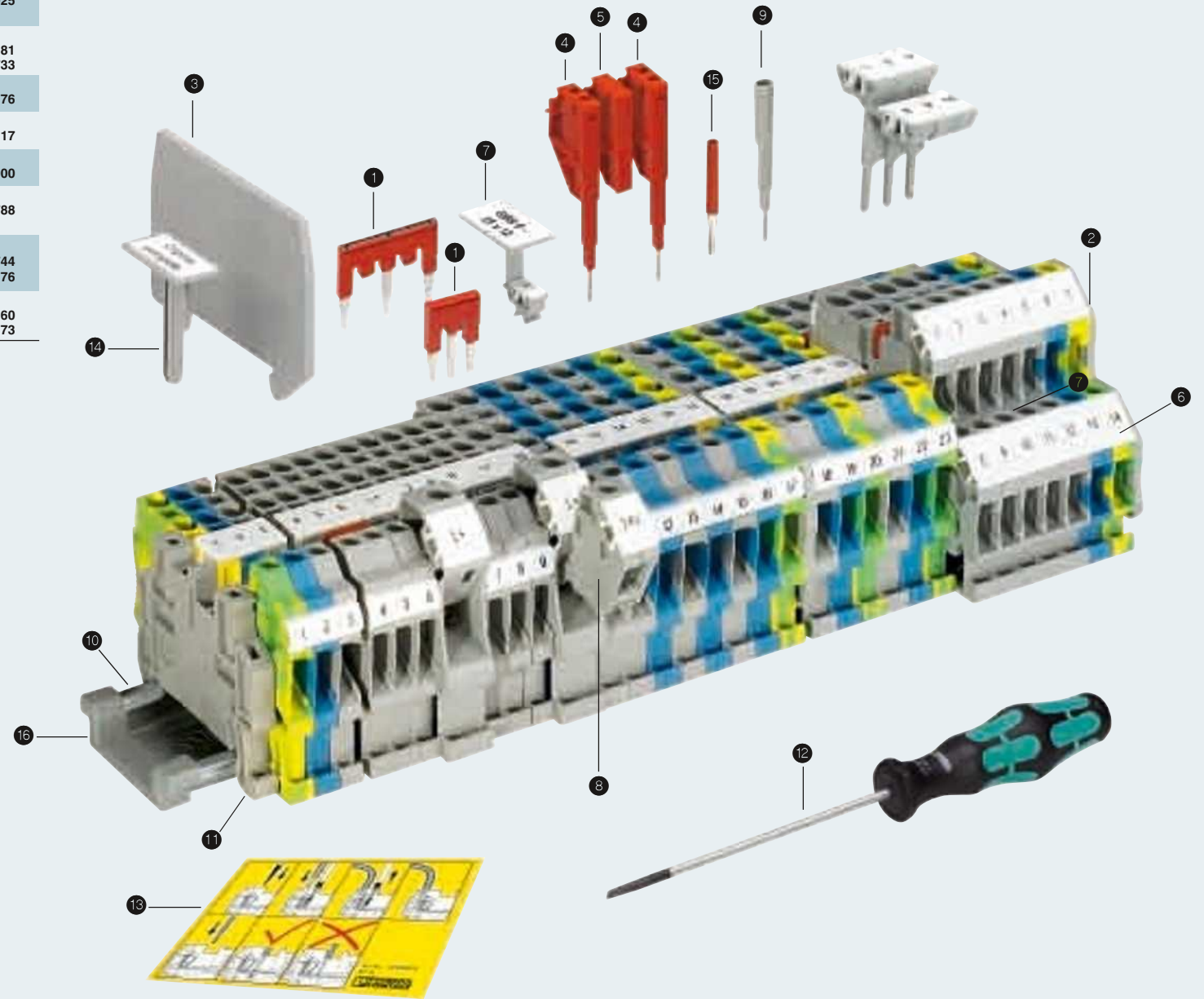
## STU accessories

Example of a central input with an STU 35 / 4x10 potential distributor terminal block on an ST 2,5 and ST 4-TWIN spring-cage terminal block.



\* See the CLIPLINE catalogue from page 54

Mounting material	Type	Order No.
9 Test adapter, for 4 mm Ø test plug PS and 4 mm Ø safety test plug	PAI-4	3030925
10 DIN rail 35 x 7.5 mm, galvanized and thick layer unperforated, supply length: 2 m passivated, supply length: 2 m perforated	NS 35/ 7,5 UNPERF 2000 MM NS 35/ 7,5 PERF 2000 MM	0801681 0801733
11 Snap-on end bracket	CLIPFIX 35-5	3022276
12 Screwdriver	SZF 1-0,6x3,5	1204517
13 Operating instructions, as adhesive label for the control cabinet	ST-IL	3039900
14 Terminal strip marker carrier, adjustable height, for CLIPFIX 35-5, can be marked with label	KLM 3-L	0814788
15 Test plug, consisting of: Metal part Insulating sleeve	MPS-MT MPS-IH RD	0201744 0201676
16 DIN rail end piece for mounting rail NS 35/7.5 for mounting rail NS 35/15	NS 35/ 7,5 CAP NS 35/ 15 CAP	1206560 1206573



## STU central input

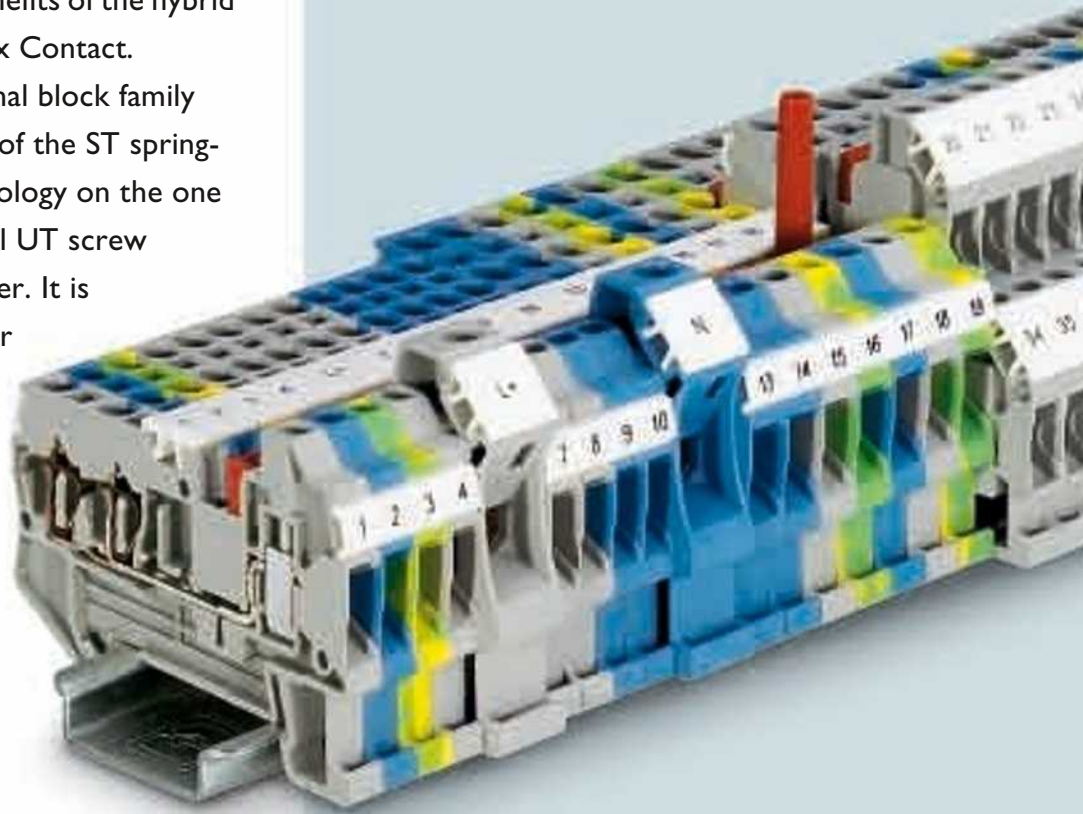
Power supply		Pick-off		One-sided input	Central input	Bridge
Terminal blocks	Cross section [mm <sup>2</sup> ]	Terminal blocks	Cross section [mm <sup>2</sup> ]	I <sub>max.</sub>	I <sub>max.</sub>	
STU 10 / 4x2.5	10	ST 1,5...	1.5	31 A	40 A	RB ST (2,5/4)-1,5 3038943
		ST 2,5... STU 2,5...	2.5	24 A	40 A	FBS 2-5 3030161
		ST 4... STU 4...	4			
STU 35 / 4x10	35	ST 2,5... STU 2,5...	2.5	40 A	56 A	RB ST 6-(2,5/4) 3030860
		ST 4... STU 4...	4	45 A	56 A	
		ST 6...	6	41 A	41A	FBS 2-8 3030284

Terminal blocks	Bridges						I <sub>max.</sub>	Cover	Separating plate	Modular test plug	Spacer plate for test plug	Marking		Group marker label	Pick-off terminal block
	2-pos.	3-pos.	4-pos.	5-pos.	10-pos.	20-pos.						Center groove	Center and lateral groove		
STU 2.5-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	24 A	D-STU 2,5-TWIN 3033045	ATP-ST-TWIN 3030789	PS-5 3030983	DP PS-5 3036725	ZB 5: UNBEDRUCKT 1050004	ZBF 5: UNBEDRUCKT 0808642	GBS 5-25x12 0810588	—
STU 4-TWIN...	FBS 2-6 3030336	FBS 3-6 3030242	FBS 4-6 3030255	FBS 5-6 3030349	FBS 10-6 3030271	FBS 20-6 3030365	32 A	D-STU 4-TWIN 3033087	ATP-ST-TWIN 3030789	PS-6 3030996	DP PS-6 3036738	ZB 6: UNBEDRUCKT 1051003	ZBF 6: UNBEDRUCKT 0808710	GBS 5-25x12 0810588	—
STTB 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	32 A	D-STTB 4 3033207	ATP-STTB 4 3030747	PS-6 3030996	DP PS-6 3036738	ZB 6: UNBEDRUCKT 1051003	ZBF 6: UNBEDRUCKT 0808710	—	—
STU 10 / 4x2.5...	FBS 2-5 3030161	FBS 3-5 3030174	FBS 4-5 3030187	FBS 5-5 3030190	FBS 10-5 3030213	FBS 20-5 3030226	24 A	D-STU 10 / 4x2.5 3033197	ATP-ST-TWIN 3030789	PS-5 3030983	DP PS-5 3036725	ZB 10: UNBEDRUCKT 1053001	ZBF 10: UNBEDRUCKT 0809997	GBS 5-25x12 0810588	AGK 4-UT 10 3047112
STU 35 / 4x10...	FBS 2-8 3030284	FBS 3-8 3030297	FBS 4-8 3030307	FBS 5-8 3030310	FBS 10-8 3030323	—	41 A	Enclosed housing, no cover	—	PS-8 3031005	DP PS-8 3036741	ZB 15: UNBEDRUCKT 0811972	ZBF 15: UNBEDRUCKT 0811202	GBS 5-25x12 0810588	AGK 4-UT 35 3047138

# STU hybrid terminal blocks with spring-cage and screw connection

Fast in the control cabinet - flexible in the field - these are the benefits of the hybrid terminals from Phoenix Contact.

The STU hybrid terminal block family combines the benefits of the ST spring-cage connection technology on the one hand with the universal UT screw connection on the other. It is especially important for systems that need to be exported to make the on-site assembly as easy and safe as possible.



**All connection technologies – one system**  
With CLIPLINE complete, the unique modular terminal block system from Phoenix Contact, the user has a free choice of connection system. The STU hybrid terminal blocks can also be combined with all other modular terminal blocks with the same accessories.

**Optimal wiring worldwide**  
The ST spring-cage connection also enables the quick and comfortable wiring of rigid and flexible conductors in the rated cross-section with ferrules. The worldwide accepted screw connection guarantees the safe startup of your systems on-site.

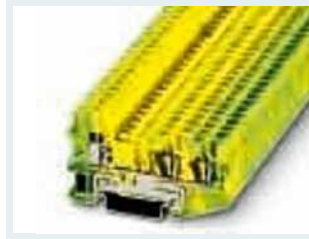
**Flexible supply and bridging**  
Power can be easily supplied via the proven screw connection. The double bridge shaft allows a comfortable potential distribution over the patented plug-in bridges of the CLIPLINE complete system.

## 3-conductor hybrid terminal blocks



1) The max. load current must not be exceeded by the total current of all connected conductors.

Type	Order No.	STU 2,5-TWIN STU 2,5-TWIN BU	3033016 3033029	STU 4-TWIN STU 4-TWIN BU	3033058 3033061
Width / Length / Height Current / Voltage	[mm] [A] / [V]	5.2 / 65.3 / 42.8 28 <sup>1)</sup> / 800		6.2 / 74.4 / 42.8 32 <sup>1)</sup> / 800	
Solid	[mm <sup>2</sup> ] / AWG	0.14 - 4 / 26 - 12	0.08 - 4 / 28 - 12	0.14 - 6 / 26 - 10	0.08 - 6 / 28 - 10
Stranded without ferrule	[mm <sup>2</sup> ] / AWG	0.14 - 2.5 / 26 - 14	0.08 - 2.5 / 28 - 14	0.14 - 4 / 26 - 12	0.08 - 4 / 28 - 12
Stranded with ferrule	[mm <sup>2</sup> ]	0.25 - 2.5	0.25 - 2.5	0.25 - 4	0.25 - 4



Type	Order No.	STU 2,5-TWIN-PE	3033032	STU 4-TWIN-PE	3033074
Width / Length / Height Current / Voltage	[mm] [A] / [V]	5.2 / 65.3 / 42.8 - / -		6.2 / 74.4 / 42.8 - / -	
Solid	[mm <sup>2</sup> ] / AWG	0.14 - 4 / 26 - 12	0.08 - 4 / 28 - 12	0.14 - 6 / 26 - 10	0.08 - 6 / 28 - 10
Stranded without ferrule	[mm <sup>2</sup> ] / AWG	0.14 - 2.5 / 26 - 14	0.08 - 2.5 / 28 - 14	0.14 - 4 / 26 - 12	0.08 - 4 / 28 - 12
Stranded with ferrule	[mm <sup>2</sup> ]	0.25 - 2.5	0.25 - 2.5	0.25 - 4	0.25 - 4

## Double-level terminal blocks



Type	Order No.	STTB 4 STTB 4 BU	3033155 3033168	STTB 4-PV	3033184	STTB 4-PE	3033171
Width / Length / Height Current / Voltage	[mm] [A] / [V]	6.2 / 81.0 / 55.5 32 <sup>1)</sup> / 500		6.2 / 81.0 / 55.5 32 <sup>1)</sup> / 500		6.2 / 81.0 / 55.5 - / -	
Solid	[mm <sup>2</sup> ] / AWG	0.14 - 6 / 26 - 10	0.08 - 6 / 28 - 10	0.14 - 6 / 26 - 10	0.08 - 6 / 28 - 10	0.14 - 6 / 26 - 10	0.08 - 6 / 28 - 10
Stranded without ferrule	[mm <sup>2</sup> ] / AWG	0.14 - 6 / 26 - 12	0.08 - 4 / 28 - 10	0.14 - 6 / 26 - 12	0.08 - 4 / 28 - 10	0.14 - 6 / 26 - 12	0.08 - 4 / 28 - 10
Stranded with ferrule	[mm <sup>2</sup> ]	0.25 - 4	0.25 - 4	0.25 - 4	0.25 - 4	0.25 - 4	0.25 - 4

## 5-conductor potential distributor



Type	Order No.	STU 10 / 4 x 2,5 STU 10 / 4 x 2,5 BU	3033139 3033142	STU 35 / 4 x 10 STU 35 / 4 x 10 BU	3033126 3033210
Width / Length / Height Current / Voltage	[mm] [A] / [V]	10.3 / 68.0 / 48.3 57 <sup>1)</sup> / 800		16.2 / 86.0 / 46.8 125 <sup>1)</sup> / 800	
Solid	[mm <sup>2</sup> ] / AWG	0.5 - 16 / 20 - 6	0.08 - 4 / 28 - 12	1.5 - 50 / 15 - 0	0.2 - 10 / 24 - 8
Stranded without ferrule	[mm <sup>2</sup> ] / AWG	0.5 - 10 / 20 - 8	0.08 - 2.5 / 28 - 14	1.5 - 35 / 15 - 3	0.2 - 6 / 24 - 10
Stranded with ferrule	[mm <sup>2</sup> ]	0.25 - 2.5	0.25 - 2.5	1.5 - 35	0.25 - 6

Further information on the products introduced here and on the world of solutions from Phoenix Contact can be found at

[www.catalog.phoenixcontact.com](http://www.catalog.phoenixcontact.com)



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