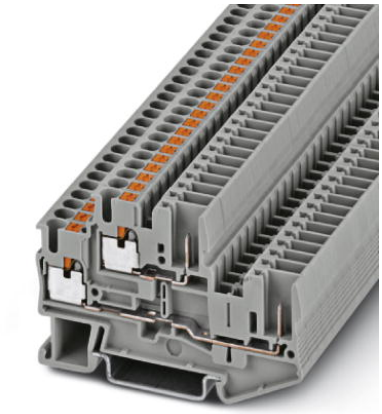
Extract from the online catalog

PTTB 2,5/2P

Order No.: 3210871



Double-level terminal block, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Connection type: Push-in / plug connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data	
EAN	4 046356 412025
Pack	50
Customs tariff	85369010
Country of Origin	PL
Catalog page information	Page 299 (CL1-2011)

Product notes

WEEE/RoHS-compliant since: 21/05/2008

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at http://www.download.phoenixcontact.com. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	5.2 mm
Length	71.5 mm
Height NS 35/7.5	47.5 mm
Height NS 35/15	55 mm

Technical data

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I_N	22 A
Nominal voltage U_N	500 V

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Connection method	Push-in / plug connection
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates

Certification	ABS, BV, CSA, CUL, GL, GOST, LR, NK, RS, UL

Accessories

Item	Designation	Description
Assembly		
3030747	ATP-STTB 4	Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray
3022276	CLIPFIX 35-5	Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray
3040096	D-STTB 2,5/ 2P	End cover, Length: 71.5 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1207640	NS 35/ 7,5 PERF 755MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 755 mm
1207653	NS 35/ 7,5 PERF 955MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 955 mm
1207666	NS 35/ 7,5 PERF 1155MM	NS 35 DIN rail, height 7.5 mm, length 1155 mm
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm
1208131	NS 35/ 7,5 PERF/...	DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1208115	NS 35/ 7,5 UNPERF/...	DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver
1208128	NS 35/ 7,5 UNPERF/SO/...	DIN rail, Width: 35 mm, Height: 7.5 mm, Color: silver
0801377	NS 35/ 7,5 V2A UNPERF 2000MM	DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver
1206421	NS 35/ 7,5 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

1206434	NS 35/ 7,5 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1208144	NS 35/15 UNPERF/...	DIN rail, Width: 35 mm, Height: 15 mm, Color: silver
1208157	NS 35/15 UNPERF/SO/...	DIN rail, Width: 35 mm, Height: 15 mm, Color: silver
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

Bridges

3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red

General

5146040	CLIP-PROJECT ADVANCED	Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.
5146053	CLIP-PROJECT PROFESSIONAL	Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.
3032185	FBS-PV	Vertical potential bridge, to connect the upper and lower level
3061169	STTB 2,5/2P-F	Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks
3061428	STTB 2,5/2P-FS	Flange, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Marking

0800967	STP 5-2	Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2.5 and STTB 4, labeled with ZB 5 or ZBF 5
0800970	STP 5-2/S	Double marker carrier, snaps onto the double-level spring-cage terminal block ZFKK 1,5, with MSTBV or ICV pick-off

0818153	UC-TMF 5	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Bluemark, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm
0824638	UC-TMF 5 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm
0828744	UCT-TMF 5	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm
0829658	UCT-TMF 5 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm
0825025	ZBF 5 CUS	Zack Marker strip, flat, Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm
0808642	ZBF 5:UNBEDRUCKT	Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

Plug/Adapter

3036725	DP PS-5	Spacer plate, Color: red
3002843	ISH 2,5/0,2	Insulation stop sleeve, Color: white
3002856	ISH 2,5/0,5	Insulation stop sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, Color: black
0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201715	MPS-IH VT	Insulating sleeve, Color: violet
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs
3032871	PAI-4-N GY	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

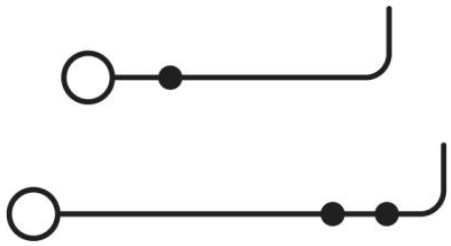
Tools

1204517	SZF 1-0,6X3,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Item	Designation	Description
Assembly		
3040559	PR	Latching, Number of positions: 1, Color: orange
3040630	PR/2	Latching, Number of positions: 2, Color: orange
3040614	PRZ	Latching, Width: 5.2 mm, Length: 3 mm, Number of positions: 2, Color: orange
3040627	PZ/2	Strain relief, Number of positions: 2, Color: black
Covers		
3209824	DF-SP-H 2,5	Cover flange, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray
General		
3061169	STTB 2,5/2P-F	Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks
Plug/Adapter		
3209866	PP-H 2,5/ 1	Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3209879	PP-H 2,5/ 2	Connectors, Connection method: Push-in connection, Number of positions: 2, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 10.4 mm, Height: 39 mm, Color: gray
3209882	PP-H 2,5/ 3	Connectors, Connection method: Push-in connection, Number of positions: 3, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 15.6 mm, Height: 39 mm, Color: gray
3209895	PP-H 2,5/ 4	Connectors, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 20.8 mm, Height: 39 mm, Color: gray
3209905	PP-H 2,5/ 5	Connectors, Connection method: Push-in connection, Number of positions: 5, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 26 mm, Height: 39 mm, Color: gray
3209918	PP-H 2,5/ 6	Connectors, Connection method: Push-in connection, Number of positions: 6, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 31.2 mm, Height: 39 mm, Color: gray
3209921	PP-H 2,5/ 7	Connectors, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray
3209934	PP-H 2,5/ 8	Connectors, Connection method: Push-in connection, Number of positions: 8, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 41.6 mm, Height: 39 mm, Color: gray

3209947	PP-H 2,5/ 9	Connectors, Connection method: Push-in connection, Number of positions: 9, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 46.8 mm, Height: 39 mm, Color: gray
3210062	PP-H 2,5/1-L	Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3210091	PP-H 2,5/1-M	Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3210127	PP-H 2,5/1-R	Connectors, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3209950	PP-H 2,5/10	Connectors, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3209963	PP-H 2,5/11	Connectors, Connection method: Push-in connection, Number of positions: 11, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray
3209976	PP-H 2,5/12	Connectors, Connection method: Push-in connection, Number of positions: 12, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray
3209989	PP-H 2,5/13	Connectors, Connection method: Push-in connection, Number of positions: 13, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 67.6 mm, Height: 39 mm, Color: gray
3209992	PP-H 2,5/14	Connectors, Connection method: Push-in connection, Number of positions: 14, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray
3210004	PP-H 2,5/15	Connectors, Connection method: Push-in connection, Number of positions: 15, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 78 mm, Height: 39 mm, Color: gray

Drawings

Circuit diagram