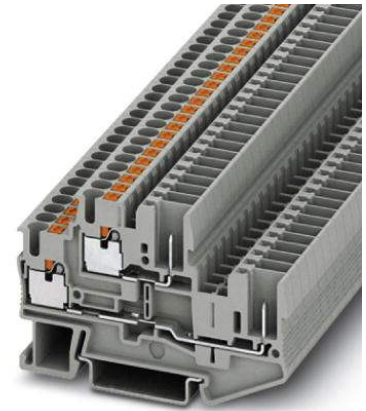


## PITTB 2,5/2P

Order No.: 3210871



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3210871>

Feed-through modular terminal block, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Connection type: Leg spring connection, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Commercial data

EAN	4046356412025
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.01074 KG
Catalog page information	Page 264 (CL-2009)

<http://www.download.phoenixcontact.com>  
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. 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 acc. 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
<b>Technical data</b>	
Rated surge voltage	6 kV
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
<b>Connection data</b>	
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Type of connection	Leg spring connection
Stripping length	10 mm
Internal cylindrical gage	A3

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
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
3036725	DP PS-5	Spacer plate, Color: red
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	NS 35 DIN rail, height 7.5 mm, length 755 mm
1207653	NS 35/ 7,5 PERF 955MM	NS35 DIN rail, height 7.5 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: 2 m
1208131	NS 35/ 7,5 PERF/...	DIN rail, 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, Color: silver
1208128	NS 35/ 7,5 UNPERF/SO/...	DIN rail, 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, perforated, height 15 mm, width 35 mm, length: 2 m
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, Color: silver
1208157	NS 35/15 UNPERF/SO/...	DIN rail, 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	Cross connector/bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Cross connector/bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Cross connector/bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Cross connector/bridge, Number of positions: 5, Color: red

3030213	FBS 10-5	Cross connector/bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Cross connector/bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Cross connector/bridge, Number of positions: 50, Color: red

**General**

3032185	FBS-PV	Vertical potential bridge, to connect the upper and lower level
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**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
0818108	UC-TM 5	UniCard sheets, for labeling terminal blocks using Zack marker strip groove, 96-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White
0824581	UC-TM 5 CUS	UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements
0819796	UC-TMF 5L	UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 192-section, can be labeled with CMS-P1-PLOTTER, color: White
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Plug/Adapter**

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
3030925	PAI-4	Test adapter, Color: gray
3030983	PS-5	Test adapter, Color: red

**Tools**

1204517	SZF 1-0,6X3,5	Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm
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**Additional products**

Item	Designation	Description
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**Assembly**

3040559	PR	Latching, Number of positions: 1, Color: orange
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3040630	PR/2	Latching, Number of positions: 2, Color: orange
3040614	PRZ	Latching, Number of positions: 2, Color: orange
3040627	PZ/2	Strain relief, Number of positions: 2, Color: black

**General**

3209824	DF-SP-H 2,5	Cover flange, Color: gray
3061169	STTB 2,5/2P-F	Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

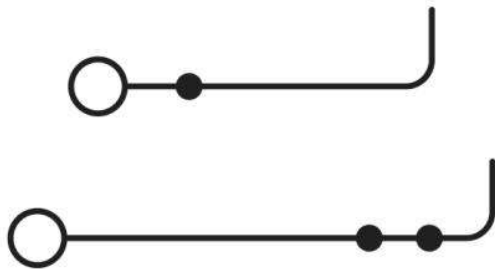
**Plug/Adapter**

3209866	PP-H 2,5/ 1	Connectors, Type of connection: Leg spring connection, Number of positions: 1, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3209879	PP-H 2,5/ 2	Connectors, Type of connection: Leg spring connection, Number of positions: 2, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 10.4 mm, Height: 39 mm, Color: gray
3209882	PP-H 2,5/ 3	Connectors, Type of connection: Leg spring connection, Number of positions: 3, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 15.6 mm, Height: 39 mm, Color: gray
3209895	PP-H 2,5/ 4	Connectors, Type of connection: Leg spring connection, Number of positions: 4, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 20.8 mm, Height: 39 mm, Color: gray
3209905	PP-H 2,5/ 5	Connectors, Type of connection: Leg spring connection, Number of positions: 5, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 26 mm, Height: 39 mm, Color: gray
3209918	PP-H 2,5/ 6	Connectors, Type of connection: Leg spring connection, Number of positions: 6, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 31.2 mm, Height: 39 mm, Color: gray
3209921	PP-H 2,5/ 7	Connectors, Type of connection: Leg spring connection, Number of positions: 7, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray
3209934	PP-H 2,5/ 8	Connectors, Type of connection: Leg spring connection, Number of positions: 8, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 41.6 mm, Height: 39 mm, Color: gray
3209947	PP-H 2,5/ 9	Connectors, Type of connection: Leg spring connection, Number of positions: 9, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 46.8 mm, Height: 39 mm, Color: gray
3210062	PP-H 2,5/1-L	Connectors, Type of connection: Leg spring connection, Number of positions: 1, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3210091	PP-H 2,5/1-M	Connectors, Type of connection: Leg spring connection, Number of positions: 1, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray
3210127	PP-H 2,5/1-R	Connectors, Type of connection: Leg spring connection, Number of positions: 1, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray

3209950	PP-H 2,5/10	Connectors, Type of connection: Leg spring connection, Number of positions: 10, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 52 mm, Height: 39 mm, Color: gray
3209963	PP-H 2,5/11	Connectors, Type of connection: Leg spring connection, Number of positions: 11, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray
3209976	PP-H 2,5/12	Connectors, Type of connection: Leg spring connection, Number of positions: 12, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray
3209989	PP-H 2,5/13	Connectors, Type of connection: Leg spring connection, Number of positions: 13, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 67.6 mm, Height: 39 mm, Color: gray
3209992	PP-H 2,5/14	Connectors, Type of connection: Leg spring connection, Number of positions: 14, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray
3210004	PP-H 2,5/15	Connectors, Type of connection: Leg spring connection, Number of positions: 15, Cross section: 0.14 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG 26 - 12, Width: 78 mm, Height: 39 mm, Color: gray

#### Diagrams/Drawings

Circuit diagram



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