

## PT 2,5-3PV BU


Order No.: 3000716

The illustration shows the version in gray

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3000716>

Multi-level terminal block, Connection method: Push-in connection,  
Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm,  
Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Commercial data

EAN	 4 046356 675635
sales group	A634
Pack	50 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.02268 KG
Net weight per piece	0.02268 KG

### Product notes

WEEE/RoHS-compliant since:  
07/04/2011



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### Technical data

#### General

Note	The max. load current must not be exceeded by the total current of all connected conductors.
Number of levels	3
Number of connections	6

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Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

**General**

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current (lower level)	24 A
Additional text	In case of a 4 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.
Nominal current I <sub>N</sub> (lower level)	20 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

**Dimensions**

Width	5.2 mm
Length	102 mm
Height NS 35/7,5	58 mm
Height NS 35/15	65.5 mm

**Connection data**

Connection method	Push-in connection
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>
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

### Certificates / Approvals



Certification: cULus Recognized, GOST, VDE Zeichengenehmigung, ABS, BV, GL, LR, NK, RS, IECCEB Scheme

Certification Ex: ATEX, IECEx

Certifications applied for:

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3022218	CLIPFIX 35	Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray
3022276	CLIPFIX 35-5	Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray
0800886	E/NS 35 N	End clamp, width: 9.5 mm, color: gray
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver
1206560	NS 35/ 7,5 CAP	DIN rail end piece, for DIN rail NS 35/7.5
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
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
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1204119	NS 35/ 7,5 WH PERF 2000MM	DIN rail 35 mm (NS 35)

1204122	NS 35/ 7,5 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
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
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm
1206573	NS 35/15 CAP	DIN rail end piece, for DIN rail NS 35/15
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
0806602	NS 35/15 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204135	NS 35/15 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206599	NS 35/15 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, 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
3033702	FBSR 2-5	Plug-in bridge, Number of positions: 2, Color: red
3033710	FBSR 10-5	Plug-in bridge, Number of positions: 10, Color: red
3001591	FBSR 3-5	Plug-in bridge, Number of positions: 3, Color: red
3001592	FBSR 4-5	Plug-in bridge, Number of positions: 4, Color: red
3001593	FBSR 5-5	Plug-in bridge, Number of positions: 5, Color: red

#### Connector/Adapter

3002843	ISH 2,5/0,2	Insulating sleeve, Color: white
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3002856	ISH 2,5/0,5	Insulating sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulating sleeve, Color: black
3030983	PS-5	Test plugs, Color: red
3038723	PS-5/2,3MM RD	Test plugs, Color: red

#### Covers

3211647	D-PT 2,5-3L	End cover, Length: 102.2 mm, Width: 2.2 mm, Height: 50.2 mm, Color: gray
3036725	DP PS-5	Spacer plate, Color: red

#### General

3035980	PAI-4-FIX-5/6 BK	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Black
3035981	PAI-4-FIX-5/6 BN	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown
3035975	PAI-4-FIX-5/6 BU	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue
3035978	PAI-4-FIX-5/6 GN	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green
3035982	PAI-4-FIX-5/6 GY	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray
3035974	PAI-4-FIX-5/6 OG	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange
3035976	PAI-4-FIX-5/6 RD	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red
3035979	PAI-4-FIX-5/6 VT	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Violet
3035977	PAI-4-FIX-5/6 YE	Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow
3208090	PT-IL	Operating decal for the push-in Technology

#### Marking

0810562	STP 5-3	Triple marker carriers, snaps onto the three-level spring-cage terminal block ST 2,5-3L, labeled with ZB 5 or ZBF
0818153	UC-TMF 5	Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, 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, can be ordered: by 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 CARD, BLUEMARK CLED, BLUEMARK LED, 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, can be ordered: by 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, can be ordered: 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
0808671	ZBF 5,LGS:FORTL.ZAHLEN	Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm
0810821	ZBF 5,LGS:GERADE ZAHLEN	Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm
0810863	ZBF 5,LGS:UNGERADE ZAHLEN	Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm
0808697	ZBF 5,QR:FORTL.ZAHLEN	Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, 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

#### Software

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.

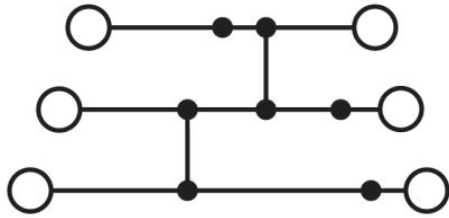
#### Tools

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
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**Drawings**

Circuit diagram

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**Address**

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