

# Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

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Multi-level terminal block, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 14, Connection type: Push-in connection, Width: 3.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- The push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

## Key commercial data

package_quantity	50
GTIN	4046356623322

## Technical data

### General

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

### General

Rated surge voltage	6 kV
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I <sub>N</sub>	16 A (observe derating)
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Surge voltage test setpoint	7.3 kV
Result of surge voltage test	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed

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## Technical data

### General

<b>Conductor cross section short circuit testing</b>	1.5 mm <sup>2</sup>
<b>Short-time current</b>	0.18 kA
<b>Short circuit stability result</b>	Test passed
<b>Proof of thermal characteristics (needle flame) effective duration</b>	30 s
<b>Result of thermal test</b>	Test passed
<b>Test specification, oscillation, broadband noise</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Test spectrum</b>	Service life test category 1, class B, body mounted
<b>Test frequency</b>	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz
<b>ASD level</b>	1.857 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
<b>Acceleration</b>	0.8 g
<b>Test duration per axis</b>	5 h
<b>Test directions</b>	X-, Y- and Z-axis
<b>Oscillation, broadband noise test result</b>	Test passed
<b>Test specification, shock test</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Shock form</b>	Half-sine
<b>Acceleration</b>	5 g
<b>Shock duration</b>	30 ms
<b>Number of shocks per direction</b>	3
<b>Test directions</b>	X-, Y- and Z-axis (pos. and neg.)
<b>Shock test result</b>	Test passed
<b>Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))</b>	130 °C
<b>Static insulating material application in cold</b>	-60 °C

### Dimensions

<b>Width</b>	3.5 mm
<b>Length</b>	78 mm
<b>Height NS 35/7,5</b>	55 mm
<b>Height NS 35/15</b>	62.5 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	14
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>

# Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

## Technical data

### Connection data

Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Connection method	Push-in connection
Stripping length	8 mm
Internal cylindrical gage	A1 / B1

## classifications

### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

### ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901


### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

UL Recognized / cUL Recognized / GOST / GL / LR / CSA / GOST / cULus Recognized /

### Approval details

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14

# Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

approvals

cUL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14

GOST

GL

LR

CSA

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm <sup>2</sup> /AWG/kcmil	26-14	26-14	26-14

cULus Recognized

accessories

**Partition plate**

ATP-STTB 4 - 3030747



## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

accessories

### End cover

D-PTTBS 1,5/S/2P - 3214534



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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SZF 0-0,4X2,5 - 1204504



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### Coding element

PC - 3040588



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### Documentation

PT-IL - 3208090



# Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

accessories

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## Bridge

FBS 2-3,5 - 3213014



FBS 3-3,5 - 3213027



FBS 4-3,5 - 3213030



FBS 5-3,5 - 3213043



FBS 10-3,5 - 3213056



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### accessories

FBS 20-3,5 - 3213069



FBS 1,5/S-PV - 3216263



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560





## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

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NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



### Terminal marking

## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

ZB 3,5:UNBEDRUCKT - 0829414



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UCT-TM 3,5 - 0829484



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ZBF 3,5:UNBEDRUCKT - 0829392



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UCT-TMF 3,5 - 0829486



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### Labeled terminal marker

ZB 3,5 CUS - 0829415



## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

UCT-TM 3,5 CUS - 0829581



ZBF 3,5 CUS - 0829394



UCT-TMF 3,5 CUS - 0829644



### Test plug terminal block

MPS-MT - 0201744



### Insulating sleeve

MPS-IH WH - 0201663



## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

### accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



# Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

accessories

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## Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



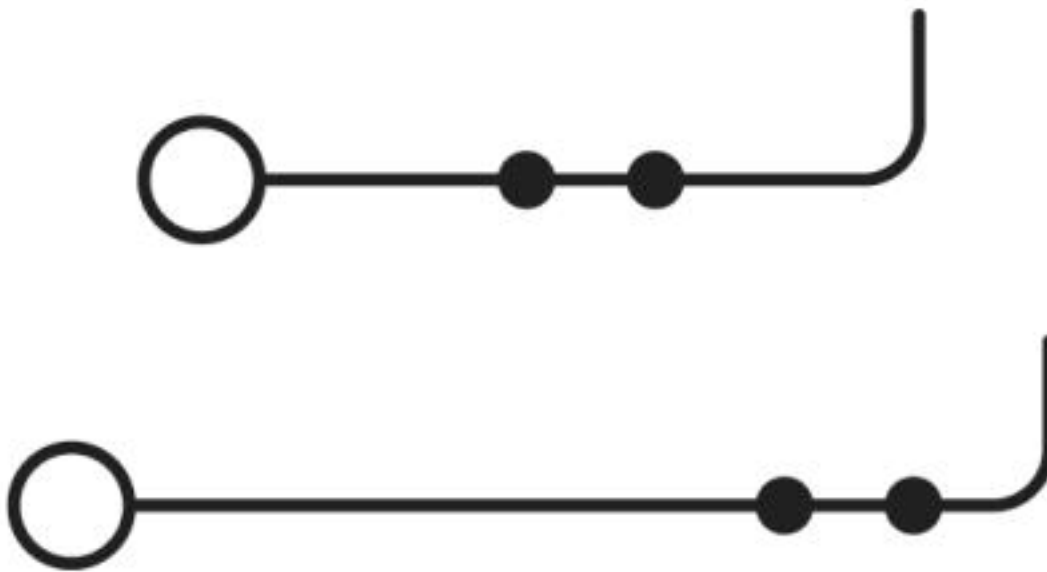
E/NS 35 N - 0800886



## Drawings

## Multi-level terminal block - PTTBS 1,5/S/2P - 3214495

Circuit diagram



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