

# Multi-level terminal block - PT 2,5-4L/2P - 3012310

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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: 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	4046356645966

## Technical data

### General

Number of levels	4
Number of connections	12
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

### General

Maximum load current	10 A (with 2.5 mm <sup>2</sup> conductor connection cross section)
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	50
Surge voltage test setpoint	4.8 kV
Result of surge voltage test	Test passed
Tight fit on carrier	NS 35

## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### Technical data

#### General

Setpoint	1 N
Result of tight fit test	Test passed
Conductor cross section short circuit testing	1 mm <sup>2</sup>
Short-time current	0.12 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz
ASD level	1.857 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

#### Dimensions

Width	5.2 mm
Length	125 mm
Height NS 35/7,5	59 mm
Height NS 35/15	66.5 mm

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	14

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## Technical data

### Connection data

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

## classifications

### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141124
eCl@ss 6.0	27141124
eCl@ss 7.0	27141124
eCl@ss 8.0	27141124

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

### UNSPSC

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

## approvals

GOST /

### Approval details

## Multi-level terminal block - PT 2,5-4L/2P - 3012310

approvals



accessories

**End cover**

D-PT 2,5-4L/2P - 3012311



DP PS-5 - 3036725



**Screwdriver tools**

SZF 1-0,6X3,5 - 1204517



**Flange**

PT 2,5-4L/2P-FS - 3012312



**Crimping tool**

# Multi-level terminal block - PT 2,5-4L/2P - 3012310

## accessories

CRIMPFOX MT 2,5 - 1204038



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## Documentation

PT-IL - 3208090



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## Cable housing

PH CP-H 2,5/2 - 3012332



PH CP-H 2,5/3 - 3012333



PH CP-H 2,5/4 - 3012334



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

PH CP-H 2,5/5 - 3012335



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### Cable tie

WT-HF 2,5X98 BK - 3240733



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### Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



FBS-PV PT 2,5-4L - 3012318



### Mounting rail

## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



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





## Multi-level terminal block - PT 2,5-4L/2P - 3012310

accessories

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

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NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Labeled terminal marker

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### Test plug terminal block

MPS-MT - 0201744



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

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PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728





## Multi-level terminal block - PT 2,5-4L/2P - 3012310

### accessories

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MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



# Multi-level terminal block - PT 2,5-4L/2P - 3012310

## accessories

CLIP-PROJECT PROFESSIONAL - 5146053



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## End block

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



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E/NS 35 N - 0800886

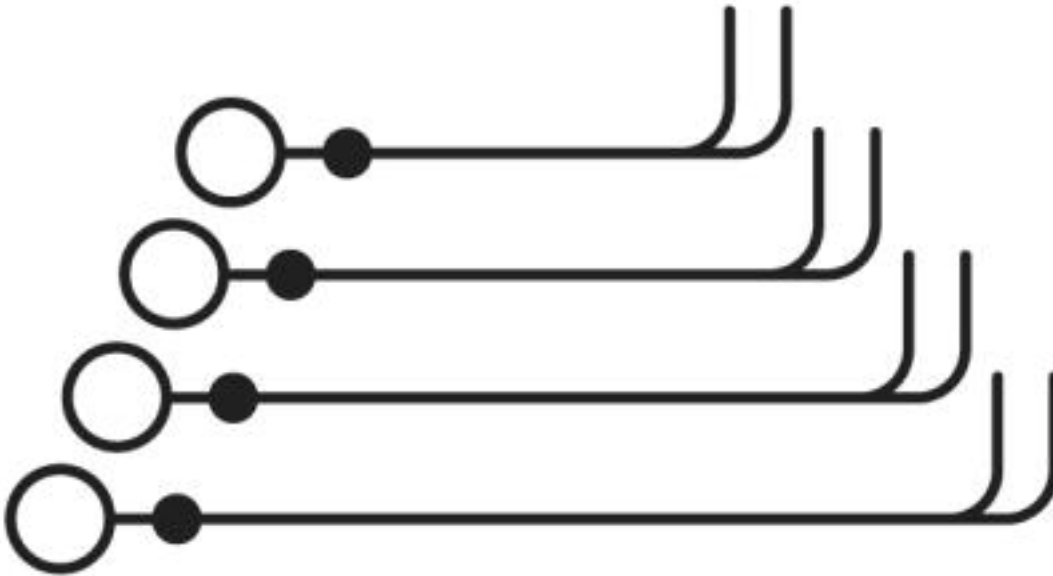


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## Drawings

## Multi-level terminal block - PT 2,5-4L/2P - 3012310

Circuit diagram



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