

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

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Feed-through 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, Height: 35.3 mm, Color: blue, 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
- Tested for railway applications

## Key commercial data

package_quantity	50
GTIN	4046356329866

## Technical data

### General

Note	The max. load current must not be exceeded by the total current of all connected conductors.
Number of levels	1
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

### General

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	24 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	800 V

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

## Technical data

### General

Open side panel	ja
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### Dimensions

Width	5.2 mm
Length	72.2 mm
Height	35.3 mm
Height NS 35/7,5	36.8 mm
Height NS 35/15	44.3 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
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	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

## classifications

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897

### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

ATEX / IECEx / CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / LR / GL / RS / ABS / NK / IECEx CB Scheme / BV / GOST / cULus Recognized /

### Approval details

<b>ATEX</b>	
Nominal voltage UN	550 V
Nominal current IN	27 A
mm <sup>2</sup> /AWG/kcmil	0.14-4

<b>IECEx</b>	
Nominal voltage UN	550 V
Nominal current IN	27 A
mm <sup>2</sup> /AWG/kcmil	0.14-4

<b>CSA</b>		
<b>Usegroups</b>	<b>B</b>	<b>C</b>
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

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## approvals

**UL Recognized**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

**VDE Zeichengenehmigung**

Nominal voltage UN	800 V
Nominal current IN	24 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

**cUL Recognized**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

LR

GL

RS

ABS

NK

**IECEE CB Scheme**


Nominal voltage UN	800 V
Nominal current IN	24 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

approvals

BV

GOST 

cULus Recognized 

accessories

## Partition plate

ATP-ST QUATTRO - 3030815



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## End cover

D-ST 2,5-QUATTRO - 3030514



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DS-ST 2,5 - 3036602



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

### accessories

D-ST 2,5-QUATTRO-0,8 OG - 3030513



DP PS-5 - 3036725



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



### Marker carriers

STP 5-2-ZB - 3037643



GBS-ZB/26X6 - 0809298



### Terminal marking

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

GBS 5-25X12 - 0810588



ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

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UCT-TMF 5 - 0828744



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## Documentation

PT-IL - 3208090



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## Bridge

FBS 2-5 - 3030161



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FBS 3-5 - 3030174



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FBS 4-5 - 3030187





## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



RB ST (2,5/4)-1,5 - 3038943



**Mounting rail**

## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

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



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

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



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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



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

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NS 35/15 CAP - 1206573



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



**Labeled terminal marker**

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### **Test plug terminal block**

MPS-MT - 0201744



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



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

### accessories

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



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



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

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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

MPS-IH WH - 0201663





# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

## 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



## Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

accessories

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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



CLIP-PROJECT PROFESSIONAL - 5146053



### End block

# Feed-through terminal block - PT 2,5-QUATTRO BU - 3209581

## accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram



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