

## Feed-through terminal block - PT 2,5 BU - 3209523

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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	4046356329798

### Technical data

#### General

Number of levels	1
Number of connections	2
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

Maximum load current	30 A (with 4 mm <sup>2</sup> conductor cross section)
Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
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
Nominal current I <sub>N</sub>	24 A (For 2.5 mm <sup>2</sup> )

# Feed-through terminal block - PT 2,5 BU - 3209523

## Technical data

### General

Nominal voltage $U_N$	800 V
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	48.5 mm
Height	35.3 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Connection in acc. with standard	IEC 60947-7-1
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 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>
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

# Feed-through terminal block - PT 2,5 BU - 3209523

## classifications

eCl@ss

eCl@ss 8.0	27141120
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ETIM

ETIM 2.0	EC000897
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

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

## Approval details

ATEX	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	0.14-2.5

IECEx	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	0.14-2.5

CSA		
<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 BU - 3209523

approvals

BV

GOST 

cULus Recognized 

accessories

**Partition plate**

ATP-ST 4 - 3030721



**End cover**

D-ST 2,5 - 3030417



D-ST 2,5-0,8 OG - 3030511



## Feed-through terminal block - PT 2,5 BU - 3209523

accessories

DP PS-5 - 3036725



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Marker carriers

STP 5-2-ZB - 3037643



GBS-ZB/26X6 - 0809298



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### Terminal marking

GBS 5-25X12 - 0810588



## Feed-through terminal block - PT 2,5 BU - 3209523

### accessories

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



# Feed-through terminal block - PT 2,5 BU - 3209523

accessories

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## Documentation

PT-IL - 3208090



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190





## Feed-through terminal block - PT 2,5 BU - 3209523

### accessories

FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



FBSR 4-5 - 3001592



## Feed-through terminal block - PT 2,5 BU - 3209523

accessories

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FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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### 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



## Feed-through terminal block - PT 2,5 BU - 3209523

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



## Feed-through terminal block - PT 2,5 BU - 3209523

### 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



### Labeled terminal marker

## Feed-through terminal block - PT 2,5 BU - 3209523

### accessories

ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



UC-TM 5 CUS - 0824581



## Feed-through terminal block - PT 2,5 BU - 3209523

### accessories

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UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



ZBF 5,LGS:GERADE ZAHLEN - 0810821



## Feed-through terminal block - PT 2,5 BU - 3209523

accessories

ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



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 BU - 3209523

### 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 BU - 3209523

### 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 BU - 3209523

### 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 BU - 3209523

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 BU - 3209523

## accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram



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