

## Feed-through terminal block - PT 6 BU - 3211819

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Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 8.2 mm, Height: 42.2 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	4046356494663

### 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

#### General

Maximum load current	52 A (with 10 mm <sup>2</sup> conductor cross section)
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>	41 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	ja

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## Technical data

### Dimensions

<b>Width</b>	8.2 mm
<b>Length</b>	57.7 mm
<b>Height</b>	42.2 mm
<b>Height NS 35/7,5</b>	43.5 mm
<b>Height NS 35/15</b>	51 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.5 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	10 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	20
<b>Conductor cross section AWG/kcmil max</b>	8
<b>Conductor cross section stranded min.</b>	0.5 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	6 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	20
<b>Max. AWG conductor cross section, stranded</b>	10
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	6 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	6 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	1.5 mm <sup>2</sup>
<b>Connection method</b>	Push-in connection
<b>Stripping length</b>	12 mm
<b>Internal cylindrical gage</b>	A5

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141120
<b>eCl@ss 4.1</b>	27141120
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

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

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## classifications

### 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

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / LR / GL / IEC EE CB Scheme / CSA / GOST / cULus Recognized /

### Approval details

<b>UL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	40 A	40 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8

<b>cUL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	40 A	40 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8

<b>VDE Zeichengenehmigung</b>	
Nominal voltage UN	1000 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.5-6

<b>LR</b>
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<b>GL</b>
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## approvals

IECEE CB Scheme	
Nominal voltage UN	1000 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	6

CSA		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	40 A	40 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8

GOST
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cULus Recognized
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## accessories

### End cover

D-PT 6 - 3212044



DP PS-8 - 3036741



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## Partition plate

ATP-ST 6 - 3024481



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## Screwdriver tools

SZF 2-0,8X4,0 - 1204520



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## Documentation

PT-IL - 3208090



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## Bridge

FBS 10-8 - 3030323



FBS 5-8 - 3030310



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## accessories

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FBS 4-8 - 3030307



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FBS 3-8 - 3030297



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FBS 2-8 - 3030284



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RB ST 6-(2,5/4) - 3030860



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FBS 6-8 - 3032470



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## accessories

RB ST 6-1,5/S - 3213250



SB-MER 2-8 - 3000587



SB-MER 3-8 - 3000588



SB-MER 4-8 - 3000589



FBSRH 2-8 - 3033802



FBSRH 3-8 - 3033803



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FBSRH 4-8 - 3033804



## Mounting rail

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





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### accessories

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



NS 35/15 PERF 2000MM - 1201730



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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



NS 35/15 ZN PERF 2000MM - 1206599



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### accessories

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

ZB 8:UNBEDRUCKT - 1052002



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### accessories

UC-TM 8 - 0818072



UCT-TM 8 - 0828740



ZBF 8:UNBEDRUCKT - 0808781



UC-TMF 8 - 0818137



UCT-TMF 8 - 0828748



TMT (EX9,5)R - 0828295



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accessories

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## Labeled terminal marker

ZB 8 CUS - 0825011



UC-TM 8 CUS - 0824597



UCT-TM 8 CUS - 0829616



ZBF 8 CUS - 0825030



UC-TMF 8 CUS - 0824654



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accessories

UCT-TMF 8 CUS - 0829672



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### Test plug terminal block

MPS-MT - 0201744



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PAI-4-FIX BU - 3032729



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PAI-4-FIX OG - 3034455



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PAI-4-FIX YE - 3032745



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### accessories

PAI-4-FIX RD - 3032732



PAI-4-FIX GN - 3032758



PAI-4-FIX BK - 3032774



PAI-4-FIX GY - 3032790



PAI-4-FIX VT - 3032761



PAI-4-FIX BN - 3032787



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PS-8 - 3031005



PS-8/2,3MM RD - 3048564



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689





## Feed-through terminal block - PT 6 BU - 3211819

### accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



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CLIP-PROJECT PROFESSIONAL - 5146053



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## End block

E/UK - 1201442



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E/UK 1 - 1201413



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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

Circuit diagram



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