

## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

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Feed-through terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- Tested for railway applications
- The plug-in ST-COMBI spring-cage terminal block series combines the system advantages of the ST standard terminal block series with those of the COMBI plug-in system

### Key commercial data

package_quantity	50
GTIN	4017918927165

### Technical data

#### General

Number of levels	1
Number of connections	3
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

Rated surge voltage	6 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>	24 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

#### Dimensions

Width	5.2 mm
Length	60.5 mm

# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

## Technical data

### Dimensions

Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Connection method	Spring-cage/plug-in connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
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	27141117
eCl@ss 4.1	27141117
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

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

# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

## classifications

### UNSPSC

<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / IECCEB CB Scheme / GOST / CSA / cULus Recognized /

### Approval details

<b>CSA</b>		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

<b>UL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>cUL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

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approvals

GOST

LR

GL

BV

DNV

IECEE CB Scheme

Nominal voltage UN	500 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12

cULus Recognized

accessories

End cover

## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

D-ST 2,5-TWIN - 3030488



DS-ST 2,5 - 3036602



D-ST 2,5-TWIN-0,8 OG - 3030512



DP PS-5 - 3036725



### Partition plate

ATP-ST-TWIN - 3030789



### Coding element

## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

PC - 3040588



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Labeled terminal marker

WST 2,5 - 3030941



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ZB 5 CUS - 0824962



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ZB 5,LGS:FORTL.ZAHLEN - 1050017



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



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



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

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ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



UC-TMF 5 CUS - 0824638





# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

UCT-TMF 5 CUS - 0829658



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## Flange

ST 2,5-TWIN/1P-F - 3209840



ST 2,5-TWIN/1P-FS - 3061389



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-5 - 3030161



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

## accessories

FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

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FBS 2-5 BU - 3036877



FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



FBS 10-5 BU - 3036916



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

FBS 20-5 BU - 3036929



FBS 50-5 BU - 3032114



FBS 2-5 GY - 3038969



FBS 3-5 GY - 3038972



FBS 4-5 GY - 3038985



FBS 5-5 GY - 3038998



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

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FBS 10-5 GY - 3039007



FBS 20-5 GY - 3038671



FBS 50-5 GY - 3032127



FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

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



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



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



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



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



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



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

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NS 35/ 7,5 CAP - 1206560



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### Terminal marking

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





## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



**Test plug terminal block**

MPS-MT - 0201744



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



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



## Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

### accessories

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



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



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accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

## accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

accessories

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ISH 2,5/0,5 - 3002856



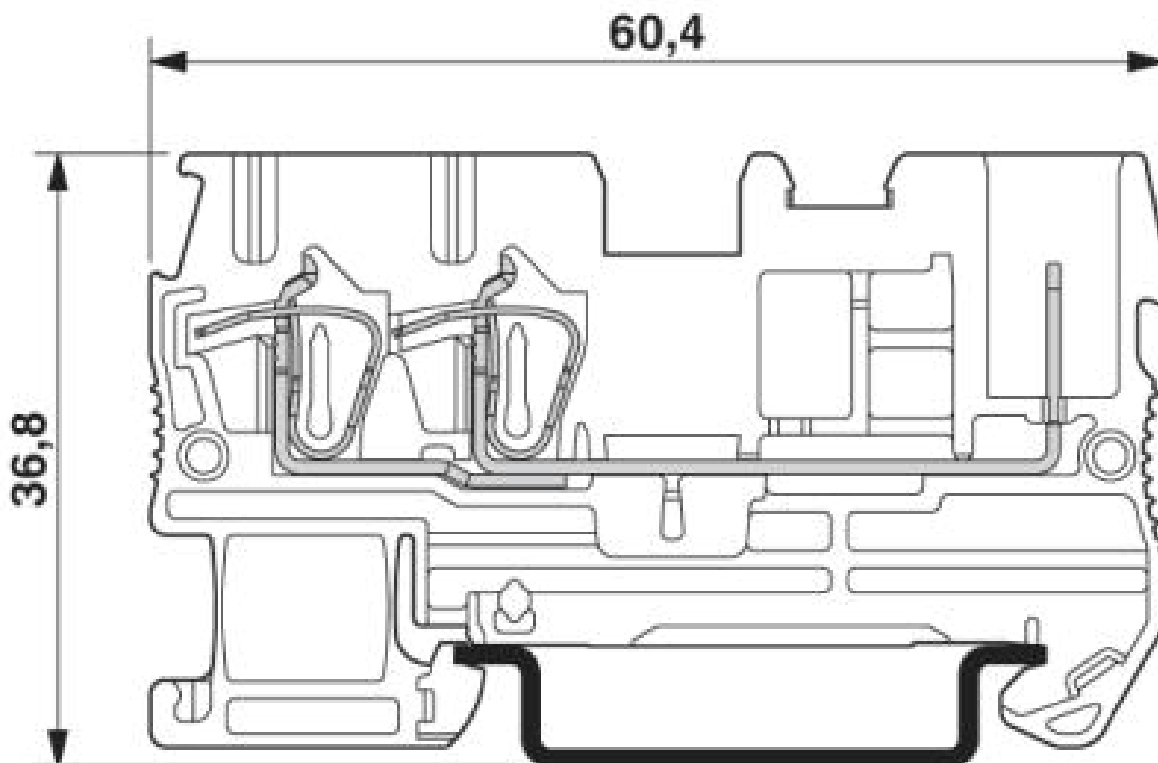
ISH 2,5/1,0 - 3002869



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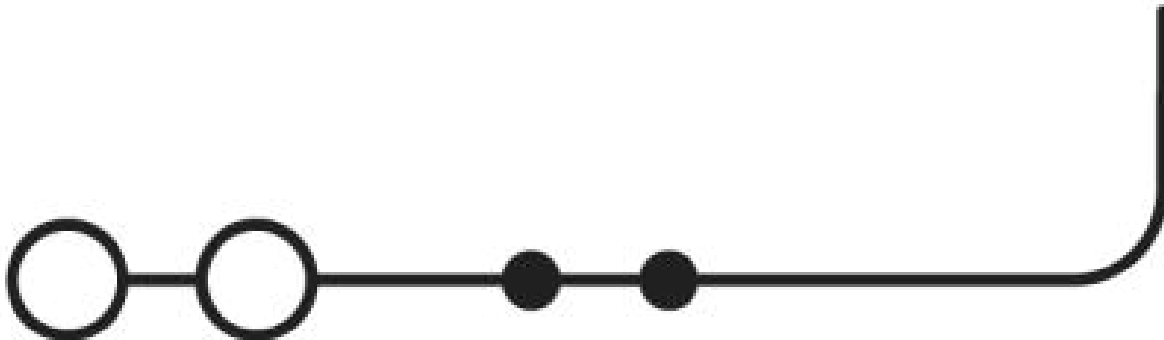
## Drawings

Dimensioned drawing



# Feed-through terminal block - ST 2,5-TWIN/ 1P BU - 3042104

Circuit diagram



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