

# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 4-QUATTRO in gray

## Product Features

- Cross connection to any number of terminal blocks with the consistent FBS ... plug-in bridge system
- Tested for railway applications
- Compact potential distributors, the double connection enables four conductors to be connected on one potential



## Key commercial data

package_quantity	50
GTIN	4017918186906

## Technical data

### General

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

Maximum load current	40 A (In the case of a 6 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

### Technical data

#### General

Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	32 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage $U_N$	800 V
Open side panel	ja

#### Dimensions

Width	6.2 mm
Length	87 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

#### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	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.	4 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.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Connection method	Spring-cage connection
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A4

### classifications

#### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141125
eCl@ss 5.1	27141125

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## classifications

### eCl@ss

eCl@ss 6.0	27141125
eCl@ss 7.0	27141125
eCl@ss 8.0	27141125

### 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

IECEX / ATEX / CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / IECCE CB Scheme / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / cULus Recognized /

### Approval details

<b>IECEX</b>	
Nominal voltage UN	550 V
Nominal current IN	28.5 A
mm <sup>2</sup> /AWG/kcmil	0.08-4

<b>ATEX</b>	
Nominal voltage UN	550 V
Nominal current IN	34.5 A
mm <sup>2</sup> /AWG/kcmil	0.08-6

<b>CSA</b>		
<b>Usegroups</b>	<b>B</b>	<b>C</b>
Nominal voltage UN	600 V	600 V

# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

## approvals

Usegroups	B	C
Nominal current IN	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	28-10	28-10

**UL Recognized**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	28-10	28-10

**VDE Gutachten mit Fertigungsüberwachung**

Nominal voltage UN	800 V
Nominal current IN	32 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	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	28-10	28-10

**GOST**

**LR**

**GL**

Nominal voltage UN	800 V
Nominal current IN	32 A
mm <sup>2</sup> /AWG/kcmil	4

**BV**

**DNV**


# Feed-through terminal block - ST 4-QUATTRO BU - 3031458


## approvals


<b>ABS</b>	
Nominal voltage UN	600 V
Nominal current IN	30 A
mm <sup>2</sup> /AWG/kcmil	20-10


<b>KR</b>
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<b>NK</b>
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<b>IECEE CB Scheme</b> 	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	4


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Nominal voltage UN	800 V
Nominal current IN	32 A
mm <sup>2</sup> /AWG/kcmil	4

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

<b>cULus Recognized</b> 	
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## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

### End cover

D-ST 4-QUATTRO - 3030527



DS-ST 4 - 3036615



DP PS-6 - 3036738



### Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

### accessories

PAI-4-N GY - 3032871



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PS-6 - 3030996



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PS-6/2,3MM RD - 3038736



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### Partition plate

ATP-ST QUATTRO - 3030815



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Labeled terminal marker

# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

WST 4 - 3030954



ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646





# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

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UCT-TMF 6 CUS - 0829665



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 20-6 - 3030365



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FBS 10-6 - 3030271



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FBS 5-6 - 3030349



## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

### accessories

FBS 4-6 - 3030255



FBS 3-6 - 3030242



FBS 2-6 - 3030336



FBSR 2-6 - 3033715



FBSR 10-6 - 3033716



### Mounting rail

## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

### 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 - ST 4-QUATTRO BU - 3031458

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



## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

### 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 - ST 4-QUATTRO BU - 3031458

accessories

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NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



## Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

ZBF 6:UNBEDRUCKT - 0808710



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UC-TMF 6 - 0818140



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UCT-TMF 6 - 0828746



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### Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

## accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 4/0,5 - 3002885





# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

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ISH 4/1,0 - 3002898



**End block**

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



# Feed-through terminal block - ST 4-QUATTRO BU - 3031458

accessories

E/UK 1 - 1201413



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## Drawings

Circuit diagram



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