

# Feed-through terminal block - QTC 1,5 BU - 3205022

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Feed-through terminal block, Connection method: Quick connection, Cross section: 0.25 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 24 - 16, Width: 5.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Compact design
- Tested for railway applications



## Key commercial data

package_quantity	50
GTIN	4017918932428

## 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	17.5 A (with 1.5 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>	17.5 A
Nominal voltage U <sub>N</sub>	800 V

# Feed-through terminal block - QTC 1,5 BU - 3205022

## Technical data

### General

Open side panel	ja
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### Dimensions

Width	5.2 mm
Length	58.8 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 mm

### Connection data

Conductor cross section solid min.	0.25 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.25 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	16
Connection method	Quick connection
Material wire insulation	PVC / PE
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Cl.1-5

## classifications

### eCl@ss

eCl@ss 4.0	27141130
eCl@ss 4.1	27141130
eCl@ss 5.0	27141130
eCl@ss 5.1	27141130
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
UNSPSC 11	39121410
UNSPSC 12.01	39121410

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## classifications

### UNSPSC


<b>UNSPSC 13.2</b>	39121410
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## approvals


IECEX / ATEX / CSA / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / cULus Recognized /

## Approval details

<b>IECEX</b>	
Nominal voltage UN	550 V
Nominal current IN	16 A
mm <sup>2</sup> /AWG/kcmil	0.25-1.5

<b>ATEX </b>	
Nominal voltage UN	550 V
Nominal current IN	16 A
mm <sup>2</sup> /AWG/kcmil	0.25-1.5

<b>CSA </b>		
Usegroups	<b>B</b>	<b>C</b>
Nominal voltage UN	600 V	600 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	24-16	24-16

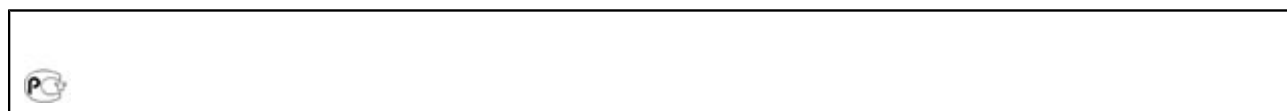
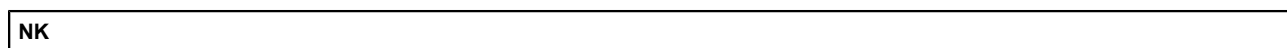
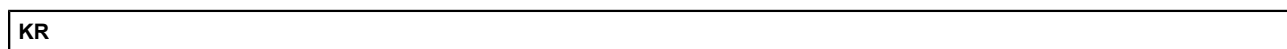
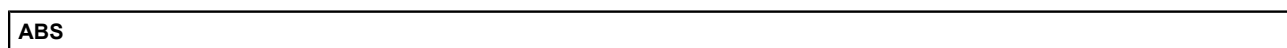
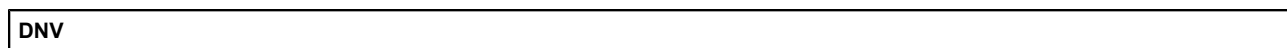
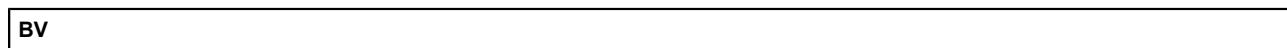
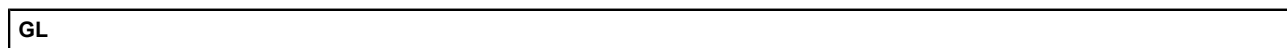
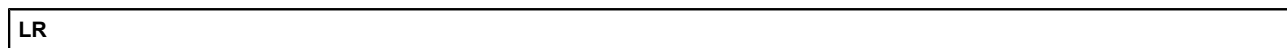
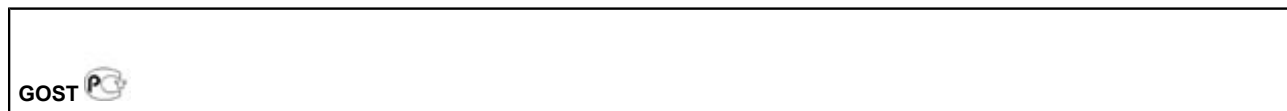
<b>UL Recognized </b>		
Usegroups	<b>B</b>	<b>C</b>
Nominal voltage UN	600 V	600 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	24-16	24-16

<b>cUL Recognized </b>		
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## approvals

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	24-16	24-16



## accessories

### End cover

D-QTC 1,5 - 3205161



## Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

DP PS-5 - 3036725



**Test plug terminal block**

PS-4/E - 3036709



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



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



PAI-4-FIX-5/6 YE - 3035977



## Feed-through terminal block - QTC 1,5 BU - 3205022

### accessories

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



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



# Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

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PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



## Documentation

QTC-IL - 3039926



## Bridge

FBS 2-5 - 3030161



# Feed-through terminal block - QTC 1,5 BU - 3205022

## 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 - QTC 1,5 BU - 3205022

### accessories

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



RB ST 10-(2,5/4) - 3030873



RB ST 16-(2,5/4) - 3030886



RB ST 35-(2,5/4) - 3030899



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Feed-through terminal block - QTC 1,5 BU - 3205022

### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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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



## Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

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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



NS 35/15 WH PERF 2000MM - 0806602



## Feed-through terminal block - QTC 1,5 BU - 3205022

### accessories

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



NS 35/15 CAP - 1206573



# Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

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



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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 - QTC 1,5 BU - 3205022

### accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



### Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



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UCT-TMF 5 CUS - 0829658



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**End block**

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



# Feed-through terminal block - QTC 1,5 BU - 3205022

accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



## Drawings

Circuit diagram



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