

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 1.5 mm², AWG: 28 - 16, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 1,5-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	4017918186685

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 ² 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

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

Technical data

General

Nominal current I_N	17.5 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	500 V
Open side panel	ja

Dimensions

Width	4.2 mm
Length	72 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 ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A 1

classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141125
eCl@ss 5.1	27141125
eCl@ss 6.0	27141125
eCl@ss 7.0	27141125
eCl@ss 8.0	27141125

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

classifications

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 / KR / NK / IEC CB Scheme / GOST / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm ² /AWG/kcmil	0.08-1.5

ATEX 	
Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm ² /AWG/kcmil	0.08-1.5

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	26-14	26-14

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

approvals

UL Recognized

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	26-14	26-14

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm ² /AWG/kcmil	1.5

cUL Recognized

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm ² /AWG/kcmil	26-14	26-14

GOST

LR

GL

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm ² /AWG/kcmil	1.5

BV

DNV

KR

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

approvals

NK

IECEE CB Scheme	
Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	1.5



cULus Recognized

accessories

End cover

D-ST 2,5-QUATTRO - 3030514



DS-ST 2,5 - 3036602



D-ST 2,5-QUATTRO-0,8 OG - 3030513



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

DP PS-4 - 3036712



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



PAI-4 - 3030925



PS-4 - 3030970



Partition plate

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

ATP-ST QUATTRO - 3030815



Screwdriver tools

SZF 0-0,4X2,5 - 1204504



Labeled terminal marker

WST 1,5 - 3030958



ZB 4 CUS - 0824951



UC-TM 4 CUS - 0824573



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

UCT-TM 4 CUS - 0829588



ZBF 4 CUS - 0825023



UC-TMF 4 CUS - 0824630



UCT-TMF 4 CUS - 0829651



Documentation

ST-IL - 3039900



Bridge

Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

FBS 20-4 - 3030352



FBS 10-4 - 3030158



FBS 4-4 - 3030132



FBS 3-4 - 3030129



FBS 2-4 - 3030116



FBS 5-4 - 3030145



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

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



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



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

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



NS 35/15 UNPERF 2000MM - 1201714



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

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



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Terminal marking

ZB 4 :UNBEDRUCKT - 0805001



UC-TM 4 - 0818111



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

UCT-TM 4 - 0828732



ZBF 4:UNBEDRUCKT - 0808587



UC-TMF 4 - 0818166



UCT-TMF 4 - 0828742



Insulating sleeve

MPS-IH WH - 0201663



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

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 - ST 1,5-QUATTRO BU - 3031199

accessories

ISH 1,5/0,2 - 3206131



ISH 1,5/0,5 - 3031034



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Feed-through terminal block - ST 1,5-QUATTRO BU - 3031199

accessories

E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>