Feed-through terminal block - STTB 1,5 BU - 3031160

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

Product Features

- Compact design for maximum space savings
- Tested for railway applications
- Connect the levels using FBS ...-PV bridges

Key commercial data

package_quantity	50
GTIN	4017918186715

Technical data

General

Number of levels	2
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

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
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V

Feed-through terminal block - STTB 1,5 BU - 3031160

Technical data

General

Open side panel	ja

Dimensions

Width	4.2 mm
Length	67.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.08 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
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	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

Feed-through terminal block - STTB 1,5 BU - 3031160

classifications

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 / IECEE CB Scheme / GOST / cULus Recognized /

Approval details

IECEx	
Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	0.08-1.5

ATEX

Nominal voltage UN	440 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	0.08-1.5

CSA

Usegroups	**B**	**C**
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

UL Recognized

Usegroups	**B**	**C**
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

Feed-through terminal block - STTB 1,5 BU - 3031160

approvals

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	1.5

cUL Recognized

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	26-14	26-14

GOST

LR

GL

Nominal voltage UN	500 V
Nominal current IN	17.5 A
mm²/AWG/kcmil	1.5

BV

DNV

KR

NK

IECEE CB Scheme

Nominal voltage UN	500 V

Feed-through terminal block - STTB 1,5 BU - 3031160

approvals

Nominal current IN	
mm²/AWG/kcmil	1.5

cULus Recognized

accessories

End cover

D-STTB 2,5 - 3030459



DP PS-4 - 3036712



Partition plate

ATP-STTB 4 - 3030747



Screwdriver tools

Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

SZF 0-0,4X2,5 - 1204504



Marker carriers

STP 4-2 - 0810575



Labeled terminal marker

WST 1,5 - 3030958



ZBF 4 CUS - 0825023



UC-TMF 4 CUS - 0824630



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

UCT-TMF 4 CUS - 0829651



Documentation

ST-IL - 3039900



Bridge

FBS 2-4 - 3030116



FBS 3-4 - 3030129



FBS 4-4 - 3030132



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

FBS 5-4 - 3030145



FBS 10-4 - 3030158



FBS 20-4 - 3030352



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

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



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



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



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

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



NS 35/15 WH UNPERF 2000MM - 1204135



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

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



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



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

Terminal marking

ZBF 4:UNBEDRUCKT - 0808587



UC-TMF 4 - 0818166



UCT-TMF 4 - 0828742



Insulating sleeve

ISH 1,5/0,2 - 3206131



ISH 1,5/0,5 - 3031034



Test plug terminal block

Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

PAI-4 - 3030925



PS-4 - 3030970



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Feed-through terminal block - STTB 1,5 BU - 3031160

accessories

E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram





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