

Feed-through terminal block - STTB 2,5 BU - 3031283

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Feed-through terminal block, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Connection type: Spring-cage connection, Width: 5.2 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	4017918186821

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	22 A
Nominal voltage U _N	500 V

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Technical data

General

Open side panel	ja
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Dimensions

Width	5.2 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 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 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	A3

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

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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 / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	440 V
Nominal current IN	19.5 A
mm²/AWG/kcmil	0.08-2.5

ATEX 	
Nominal voltage UN	440 V
Nominal current IN	23.5 A
mm²/AWG/kcmil	0.08-4

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-12	28-12

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil	28-12	28-12	28-12

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approvals

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	20 A	20 A	5 A
mm²/AWG/kcmil	28-12	28-12	28-12

GOST 

LR

GL

Nominal voltage UN	500 V
Nominal current IN	24 A
mm²/AWG/kcmil	2.5

BV

DNV

ABS

Nominal voltage UN	600 V
Nominal current IN	20 A
mm²/AWG/kcmil	26-12

KR

NK



VDE Gutachten mit Fertigungsüberwachung 

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approvals

Nominal voltage UN	500 V
Nominal current IN	24 A
mm²/AWG/kcmil	0.2-2.5

IECEE CB Scheme 	
Nominal voltage UN	500 V
Nominal current IN	24 A
mm²/AWG/kcmil	0.2-2.5

	
Nominal voltage UN	800 V
Nominal current IN	24 A
mm²/AWG/kcmil	0.2-2.5

cULus Recognized 	
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accessories

End cover

D-STTB 2,5 - 3030459



DP PS-5 - 3036725



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accessories

Partition plate

ATP-STTB 4 - 3030747



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Marker carriers

STP 5-2 - 0800967



Labeled terminal marker

WST 2,5 - 3030941



ZBF 5 CUS - 0825025



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accessories

UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



Documentation

ST-IL - 3039900



Bridge

FBS 10-5 - 3030213



FBS 5-5 - 3030190



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accessories

FBS 4-5 - 3030187



FBS 3-5 - 3030174



FBS 2-5 - 3030161



FBS 20-5 - 3030226



FBS 50-5 - 3038930



Mounting rail

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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



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accessories

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



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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



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accessories

NS 35/15 CAP - 1206573



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



Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



Insulating sleeve

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accessories

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



Test plug terminal block

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



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



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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



Feed-through terminal block - STTB 2,5 BU - 3031283

accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



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accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

Circuit diagram



