



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. [HERE](#)

Double-level spring-cage terminal block - STTB 4 BU - 3031432

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://phoenixcontact.com/download>)



Double-level spring-cage terminal block, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Connection type: Spring-cage connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

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



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 186937

Technical data

General

Number of levels	2
Number of connections	4
Nominal cross section	4 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
	Process industry
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

Double-level spring-cage terminal block - STTB 4 BU - 3031432

Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	30 A
Maximum load current	32 A (with 6 mm ² conductor cross section)
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	6.2 mm
Length	83.5 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum stripping length	8 mm
Maximum stripping length	10 mm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120

Double-level spring-cage terminal block - STTB 4 BU - 3031432

Classifications

eCl@ss

eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	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
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / LR / GL / BV / ABS / KR / NK / IECCEB Scheme / EAC / EAC / RS / cULus Recognized

Ex Approvals

IECEEx / ATEX / EAC Ex


Approvals submitted


Approval details


CSA 		
	B	C
mm ² /AWG/kcmil	28-10	28-10
Nominal current I _N	30 A	30 A
Nominal voltage U _N	300 V	300 V

Double-level spring-cage terminal block - STTB 4 BU - 3031432

Approvals

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	28-10	28-10	28-10
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-4.0
Nominal current I _N	32 A
Nominal voltage U _N	500 V

cUL Recognized 			
	B	C	D
mm²/AWG/kcmil	28-10	28-10	28-10
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

LR


GL

BV

ABS

KR

NK

IECEE CB Scheme 	
mm²/AWG/kcmil	4

Double-level spring-cage terminal block - STTB 4 BU - 3031432

Approvals

Nominal voltage UN	500 V
--------------------	-------

EAC

EAC

RS

cULus Recognized 
--

Drawings

Circuit diagram



Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Double-level spring-cage terminal block, Cross section: 0.08 mm ² - 6 mm ² , AWG: 28 - 10, Connection type: Spring-cage connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15	3031432	STTB 4 BU	Buy on EAN