

Feed-through terminal block - ST 16-TWIN BU - 3035331

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: 0.2 mm² - 25 mm², AWG: 24 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/15, NS 35/7,5

Product Features

- ✓ The ST ...-TWIN three-conductor spring cage terminal blocks are a space-saving alternative to standard feed-through terminal blocks where potential distribution with conductor cross sections of 10 and 16 mm² is required
- ✓ The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- ✓ Terminal blocks with a nominal cross section of 2.5 or 4 mm² can be combined without additional wiring effort using the RB ST... (2,5/4) reducing bridge
- ✓ Ideal as potential distributors in ring feeder systems

Key commercial data

package_quantity	25
GTIN	4046356100915

Technical data

General

Number of levels	1
Number of connections	3
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	90 A (with 25 mm ² 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 _N	76 A (the maximum load current must not be exceeded by the total current of the connected conductors)
Nominal voltage U _N	1000 V
Open side panel	ja

Dimensions

Feed-through terminal block - ST 16-TWIN BU - 3035331

Technical data

Dimensions

Width	12.2 mm
Length	107.8 mm
Height NS 35/7,5	51.5 mm
Height NS 35/15	59 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	16 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 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.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Connection method	Spring-cage connection
Stripping length	16 mm
Internal cylindrical gage	A7

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

Feed-through terminal block - ST 16-TWIN BU - 3035331

classifications

ETIM

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

UL Recognized / VDE Zeichengenehmigung / IECEx CB Scheme /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	75 A	75 A
mm²/AWG/kcmil	16-4	16-4

VDE Zeichengenehmigung 	
Nominal voltage UN	800 V
Nominal current IN	76 A
mm²/AWG/kcmil	1.5-16

IECEx CB Scheme 	
Nominal voltage UN	800 V
Nominal current IN	76 A
mm²/AWG/kcmil	1.5-16

accessories

End cover

Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

D-ST 16-TWIN - 3035357



Screwdriver tools

SZF 3-1,0X5,5 - 1206612



Labeled terminal marker

WST 10/35 - 3030006



ZB 12 CUS - 0824942



UC-TM 12 CUS - 0824613



Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

UCT-TM 12 CUS - 0829630



ZBF 12 CUS - 0825018



UC-TMF 12 CUS - 0824670



UCT-TMF 12 CUS - 0829686



Documentation

ST-IL - 3039900



Bridge

Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

FBS 2-12 - 3005950



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



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

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



NS 35/ 7,5 CAP - 1206560



Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

Terminal marking

ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194



UCT-TM 12 - 0829144



ZBF 12:UNBEDRUCKT - 0809735



UC-TMF 12 - 0819233



Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

UCT-TMF 12 - 0829214



Test plug terminal block

MPS-MT - 0201744



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



Feed-through terminal block - ST 16-TWIN BU - 3035331

accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



Drawings

Circuit diagram

