

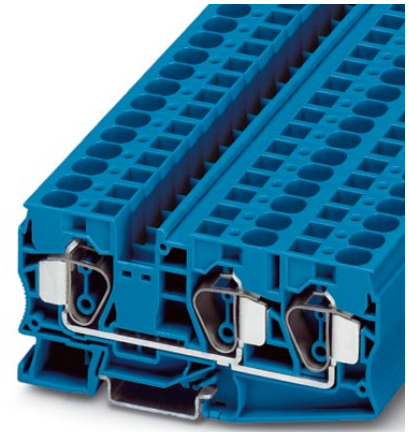


**THE DATASHEET OF**  
**3035331**



## ST 16-TWIN BU


Order No.: 3035331



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3035331>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 24 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/15, NS 35/7.5

### Commercial data

GTIN (EAN)	 4 046356 100915
sales group	A630
Pack	25 pcs.
Customs tariff	85369010
Catalog page information	Page 85 (CL-2009)

### Product notes

WEEE/RoHS-compliant since:  
07/03/2006



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### Technical data

#### General

Number of levels	1
Number of connections	3
Color	blue

Insulating material	PA
Inflammability class acc. to UL 94	V0

#### Dimensions

Width	12.2 mm
Length	107.8 mm
Height NS 35/7.5	51.5 mm
Height NS 35/15	59 mm

#### Technical data

Maximum load current	90 A (with 25 mm <sup>2</sup> 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 <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>

Type of connection	Spring-cage connection
Stripping length	16 mm
Internal cylindrical gage	A7

### Certificates / Approvals



Certification UL, VDE-PZI

### Accessories

Item	Designation	Description
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#### Assembly

3035357	D-ST 16-TWIN	End cover, Length: 107.8 mm, Width: 2.2 mm, Color: gray
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#### Bridges

3005950	FBS 2-12	Plug-in bridge, Number of positions: 2, Color: red
3030886	RB ST 16-(2,5/4)	Reducing bridge, Number of positions: 2, Color: red

#### General

0812146	ZB 12,LGS:L1-N,PE	Zack marker strip, printed horizontally: 5-section, L1, L2, L3, N, PE, color: White
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#### Marking

0812133	ZB 12:SO/CMS	Zack marker strip, 5-section, divisible, special printing, marking according to customer requirements
0812120	ZB 12:UNPRINTED	Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack
0809735	ZBF 12:UNBEDRUCKT	Zack strip, flat, unprinted, 5-section, divisible, for labeling by the customer

#### Plug/Adapter

0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray

0201676	MPS-IH RD	Insulating sleeve, Color: red
0201715	MPS-IH VT	Insulating sleeve, Color: violet
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs

#### Tools

1206612	SZF 3-1,0X5,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip
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#### Diagrams/Drawings

Circuit diagram



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