

# UK 16 N BU


Order No.: 3006056



Feed-through terminal block, Connection method: Screw connection,  
Cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG: 14 - 4, Width: 12.2 mm,  
Color: blue, Mounting type: NS 35/7.5, NS 35/15, NS 32



## Commercial data

EAN	 4 017918 091316
Pack	50
Customs tariff	85369010
Gross weight in pieces	22.00 g
Country of Origin	IN
Catalog page information	Page 409 (CL1-2011)

## Product notes

WEEE/RoHS-compliant since:  
01/01/2003



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## Technical data

### General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

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**Dimensions**

Width	12.2 mm
Length	42.5 mm
Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

**Technical data**

Maximum load current	101 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.	2.5 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	4 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	12
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 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.	1.5 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, solid min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>

2 conductors with same cross section, stranded min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B 7
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

## Certificates



Certification CSA, cULus Recognized, GOST, KEMA-KEUR, DNV, GL, LR, RS, CCA, IECCE CB Scheme

Certification Ex: ATEX, cULus Recognized, FM approved, IECEx, INMETRO, GL

Certifications applied for:

## Accessories

Item	Designation	Description
<b>Assembly</b>		
3003224	ATP-UK	Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 45.7 mm, Color: gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

3022276	CLIPFIX 35-5	Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, can be fitted with ZB 5 and ZBF 5 zack marker strip, KLM 2, KLM3, and KML3L terminal strip marker, parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray
3006027	D-UK 16	End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail
1201413	E/UK 1	End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray
1024250	EA 7	Single covers, color: transparent
0800747	EA 7-WS	Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1206560	NS 35/ 7,5 CAP	DIN rail end piece, for DIN rail NS 35/7.5
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1204119	NS 35/ 7,5 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204122	NS 35/ 7,5 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206421	NS 35/ 7,5 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m
1206434	NS 35/ 7,5 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm
1206573	NS 35/15 CAP	DIN rail end piece, for DIN rail NS 35/15
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
0806602	NS 35/15 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204135	NS 35/15 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)

1206599	NS 35/15 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
1302215	TS-K	Separating plate, Length: 22 mm, Height: 22 mm, Color: gray

#### Bridges

3006137	EB 10-12	Insertion bridge, Number of positions: 10, Color: gray
0200075	FBI 2-12	Fixed bridge, Number of positions: 2, Color: silver
0203454	FBI 10-12	Fixed bridge, Number of positions: 10, Color: silver

#### General

0800886	E/NS 35 N	End clamp, width: 9.5 mm, color: gray
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#### Marking

0819194	UC-TM 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 10.5 mm
0824613	UC-TM 12 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 10.5 mm
0829144	UCT-TM 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 10.8 x 9.6 mm
0829630	UCT-TM 12 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 10.8 x 9.6 mm
0824942	ZB 12 CUS	Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12.2 mm, Lettering field: 10.5 x 12.15 mm
0812120	ZB 12:UNPRINTED	Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 12.2 mm, Lettering field: 12 x 10.5 mm

#### Plug/Adapter

0311634	PS-IH BK	Insulating sleeve, Color: black
0311582	PS-IH BU	Insulating sleeve, Color: blue
0311605	PS-IH GN	Insulating sleeve, Color: green

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0311621	PS-IH GY	Insulating sleeve, Color: gray
0311579	PS-IH RD	Insulating sleeve, Color: red
0311618	PS-IH VT	Insulating sleeve, Color: violet
0311566	PS-IH WH	Insulating sleeve, Color: white
0311595	PS-IH YE	Insulating sleeve, Color: yellow
0311647	PS-MT	Test plugs
0303299	PSB 4/7/6	Female test connector, Color: silver
0303406	PSBJ 4/15/6 BK	Female test connector, Color: black
0303354	PSBJ 4/15/6 BU	Female test connector, Color: blue
0303419	PSBJ 4/15/6 FARBLOS	Female test connector, Color: transparent
0303370	PSBJ 4/15/6 GN	Female test connector, Color: green
0303396	PSBJ 4/15/6 GY	Female test connector, Color: gray
0303325	PSBJ 4/15/6 RD	Female test connector, Color: red
0303383	PSBJ 4/15/6 VT	Female test connector, Color: violet
0303312	PSBJ 4/15/6 WH	Female test connector, Color: white
0303367	PSBJ 4/15/6 YE	Female test connector, Color: yellow

## Drawings

Circuit diagram



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**Address**

PHOENIX CONTACT Ltd  
Halesfield 13  
Telford / Shropshire / TF7 4PG, England  
Phone 01952 681 700  
Fax 01952 681 799  
<http://www.phoenixcontact.co.uk>



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