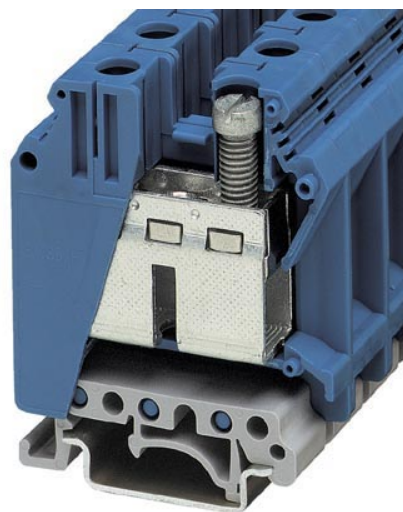


## UK 35 BU

Order No.: 3008025



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3008025>

Universal terminal block with screw connection, cross section: 0.75 - 35 mm<sup>2</sup>, AWG: 18 - 1/0, width: 15.2 mm, color: blue



### Commercial data

EAN	4017918091569
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.05778 KG
Catalog page information	Page 213 (CL-2005)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2005



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General

Number of levels	1
------------------	---

Number of connections	2
Color	blue
Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	15.2 mm
Length	50 mm
Height NS 35/7,5	62 mm
Height NS 35/15	69.5 mm
Height NS 32	67 mm

**Technical data**

Maximum load current	150 A (with 50 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>	150 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	nein

**Connection data**

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	35 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	0/1
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm <sup>2</sup>

2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 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.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	16 mm
Internal cylindrical gage	B9
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

### Certificates / Approvals

#### Approval logo



#### CSA

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	140 A
AWG/kcmil	18-2

#### CUL

Nominal voltage U <sub>N</sub>	1000 V
Nominal current I <sub>N</sub>	150 A
AWG/kcmil	18-1/0

#### UL

Nominal voltage U <sub>N</sub>	1000 V
--------------------------------	--------

Nominal current $I_N$	150 A
AWG/kcmil	18-1/0
Certification	CB, CSA, CUL, GOST, KEMA, KR, LR, NK, PRS, RS, UL

**requested approbations**

Certification Ex:	CUL-EX, FM, GL-EX, IECEx, KEMA-EX
-------------------	-----------------------------------

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
1024263	EA 11	Single cover, for covering one terminal block, snap fit, cannot be labeled, color: transparent
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
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
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, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, 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 2 m
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, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, 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
0204107	STL 35/ 5	Step bracket, 2-pos.
0204084	STL 35/10	Step bracket, 2-pos.
0204097	STL 35/16	Step bracket, 2-pos.
3008096	TP-UK 35	Separating plate, width: 7.5 mm, color: gray
1302215	TS-K	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray

**Bridges**

0203166	EB 2-15	Insertion bridge, 2-pos., fully insulated
0205119	EB 2-15 K/UK 35	Insertion bridge, 2-pos., fully insulated
0205106	EB 3-15 K/UK 35	Insertion bridge, 3-pos., fully insulated
0205135	EB 10-15	Insertion bridge, 10-pos., divisible, fully insulated
0205096	EB 10-15 K/UK 35	Insertion bridge, 10-pos., divisible, fully insulated
0201333	FBI 2-15	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0201278	FBI 3-15	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.
0205203	KBI- 15	Chain bridge, across any number of terminal blocks, 1-pos., with insulated screw
0205232	SBH 2-15	Switching bridge, 2-pos.

**Marking**

1004241	WS 4-15	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 15 mm
1004445	WS 5-15	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 15 mm
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Plug/Adapter**

0311647	PS-MT	Test plug, consisting of: metal part for 4 mm diameter socket hole and insulating sleeve for PS metal part
0205290	PSB 6/5/6	Test plug socket, not insulated, length: 6 mm, screw thread width: 5 mm, socket width: 6 mm