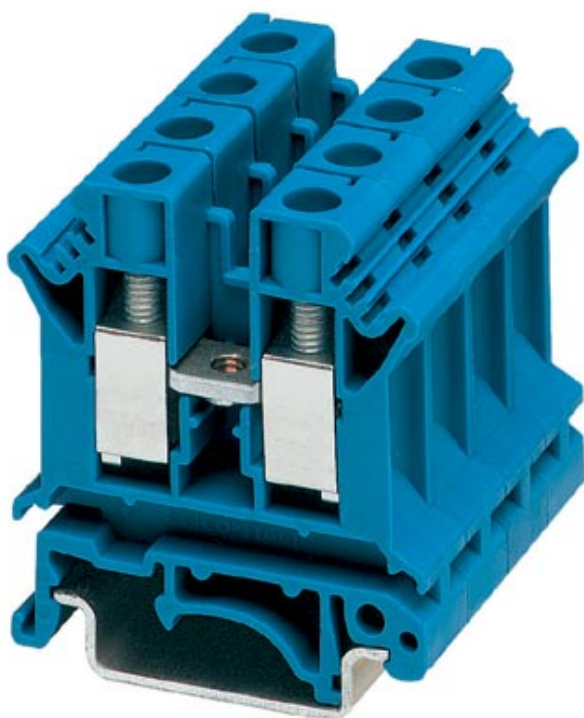


Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## ► Extract from the online catalog



Universal terminal block with screw connection, cross section: 0.5 - 10 mm<sup>2</sup>, AWG: 20 - 6, width: 10.2 mm, color: Blue

Order No.	3005086
Ord designation	UK 10 N BU
EAN	4017918091026
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0,01702 KG
Catalog page information	Page 213 (CL-2005)

## ► Product notes

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



**IMPORTANT :** This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.



## ► 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	10.2 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

### Technical data

Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Contamination class	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Nominal current $I_N$	76 A
Nominal voltage $U_N$	800 V
Open side panel	ja

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max.	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>

## UK 10 N BU



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2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 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.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	16 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	10 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	10 mm
Internal cylindrical gage	B6
Screw thread	M 4
Tightening torque, min	1.5 Nm



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## ► Certificates / Approvals

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### Certificate logos



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#### CSA

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	24-6

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#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	24-6

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#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	24-6

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## ► Accessories

Item	Designation	Description
<b>Assembly</b>		
3003224	ATP-UK	Separating plate, for visual and electrical separation of terminal groups, width: 1.5 mm, color: Gray
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
3003020	D-UK 4/10	Cover, width: 1.8 mm, color: gray
3003101	D-UK 4/10 BU	Cover, width: 1.8 mm, color: blue
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
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
0204110	STL 10N/5N	Step bracket, 2-pos.
1302215	TS-K	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray
<b>Bridges</b>		
0203153	EB 2-10	Insertion bridge, 2-pos., fully insulated
0203328	EB 3-10	Insertion bridge, 3-pos., fully insulated
0203137	EB 10-10	Insertion bridge, 10-pos., divisible, fully insulated
0203195	FB 2-10	Fixed bridge, 2-pos., divisible, with screws, screw heads without insulation
0203140	FB 3-10	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.

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0203182	FB 4-10	Fixed bridge, 4-pos.
0203179	FB 10-10	Fixed bridge, 10-pos., divisible, with screws, screw heads without insulation
0203247	FB 10-10-EX	Fixed bridge, 10-pos.
0203483	FBI 2-10	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0203276	FBI 10-10	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
0203205	KB- 10	Chain bridge, across any number of terminal blocks, 1-pos., with screw
0200062	SB 2- 8/13 N	Switching bridge, 2-pos.



**Marking**

1007248	SBS10:UNBEDRUCKT	Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic
1004225	WS 4-10	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 10 mm
1004429	WS 5-10	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 10 mm
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Plug/Adapter**

0310541	KSS 10	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 10.2 mm, color: Black
0311647	PS-MT	Test plug, consisting of: metal part for 4 mm diameter socket hole and insulating sleeve for PS metal part
0303299	PSB 4/7/6	Test plug socket, not insulated, length: 7 mm, screw thread width: 4 mm, socket width: 6 mm
0303406	PSBJ 4/15/6 BK	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in black
0303354	PSBJ 4/15/6 BU	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in blue
0303419	PSBJ 4/15/6 FARBLOS	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material transparent
0303370	PSBJ 4/15/6 GN	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in green
0303396	PSBJ 4/15/6 GY	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in gray
0303325	PSBJ 4/15/6 RD	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in red
0303383	PSBJ 4/15/6 VT	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in violet
0303312	PSBJ 4/15/6 WH	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in white
0303367	PSBJ 4/15/6 YE	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in yellow

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## ► Address

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