

► General data



Universal terminal block with screw connection, cross section: 0.2 - 4 mm², AWG: 30 - 10, width: 6.2 mm, color: blue

Order number	3004388
Type	UK 5 N BU

Barcode number	4017918090777
Unit pack	50 Piece
Customs tariff	85369010000

► 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	6.2 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

Rated surge voltage	8 kV
Contamination class	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC/ DIN VDE
Nominal current I_N	41 A
Nominal voltage U_N	800 V

Connection data

Min. conductor cross section, rigid	0.2 mm ²
Conductor cross section, rigid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Max. conductor cross section, flexible	4 mm ²
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	10
Min. conductor cross section, flexible, with ferrule with plastic sleeve	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Max. conductor cross section, flexible, with ferrule with plastic sleeve	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors of the same cross section, flexible, min.	0.2 mm ²
2 conductors with same cross section, flexible max.	1.5 mm ²
2 conductors of the same cross section, flexible, with TWIN-AEH with plastic sleeve, min.	0.5 mm ²
2 conductors with identical cross section, flexible with TWIN-AEH with plastic sleeve max.	2.5 mm ²
2 conductors of the same cross section, flexible, with AEH without plastic sleeve, min.	0.25 mm ²
2 conductors with identical cross section, flexible with AEH with plastic sleeve max.	1.5 mm ²
Type of connection	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A 4
Screw thread	M 3
Tightening torque	0.6 Nm

► Certificates

CSA

Nominal voltage U_N	600 V
Nominal current I_N	40 A
AWG/kcmil	28-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	30-10
Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	2 x 14

► Drawings

Approval logo



► Accessories

Item	Designation	Description
Assembly		
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
1024014	EA 5	Single covers, color: transparent
1024085	EA 5-WS	Single covers, color: gray
0201595	FB-150 METER	Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long
1201002	NS 32 GELOCHT METER	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNGELOCHT METER	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
1201028	NS 32-AL UNGELOCHT METER	G rail 32 mm (NS 32)
1201358	NS 32-CU/ 35 QMM UNGEL. METER	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201280	NS 32-CU/120 QMM UNGEL. METER	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
0801733	NS 35/ 7,5 GELOCHT METER	DIN rail, material: Steel, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNGELOCHT METER	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801762	NS 35/ 7,5-CU UNGELOCHT METER	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201730	NS 35/15 GELOCHT METER	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNGELOCHT METER	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNGELOCHT METER	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
1201756	NS 35/15-AL UNGELOCHT METER	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 UNGELOCHT METER	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
0204071	STL 10/ 5	Step bracket, 2-pos.
0204110	STL 10N/5N	Step bracket, 2-pos.
0204107	STL 35/ 5	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
2303608	ZSR	Distance piece, metal, for branches of FB-150, with screw and thrust washer
0200017	ZSR-EX	Distance piece, metal, for branches of FB-150, with screw and thrust washer

Bridges

0201155	EB 2- 6	Insertion bridge, 2-pos., fully insulated
0201142	EB 3- 6	Insertion bridge, 3-pos., fully insulated
0201139	EB 10- 6	Insertion bridge, 10-pos., divisible, fully insulated
0201456	FB 2- 6-EX	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0201469	FB 3- 6-EX	Fixed bridge, 3-pos.
0201029	FB 5- 6	Fixed bridge, for cross connections, with screws, screw heads without insulation, 5-pos.
0201184	FB 10- 6	Fixed bridge, 10-pos., divisible, with screws, screw heads without insulation
0201281	FB 10- 6-EX	Fixed bridge, 10-pos.
0201524	FB 100- 6	Fixed bridge, 100-pos.
0203438	FBI 2- 6	Fixed bridge, 2-pos.
0203250	FBI 10- 6	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
0201650	FBI 100- 6	Fixed bridge, 100-pos.
0201867	FBI 20- 6	Fixed bridge, 20-pos.
1302338	IS-K 4	Bridge bar isolator, as distance piece
0301505	ISSBI 10- 6	Isolator bridge bar, 10-position, divisible, with screws, for switchable branches
0201485	KB- 6-EX	Chain bridge, across any number of terminal blocks, 1-pos., with screw
0202280	LB 10-6 BU	L-bridge, 10-position, screw with blue insulation material
0202358	LB 10-6 GY	L-bridge, 10-position, screw with gray insulation material
0202303	LB 100-6 BU	L-bridge, 100-position, screw with blue insulation material
0202345	LB 100-6 GY	L-bridge, 100-position, screw with gray insulation material
2303239	USBR 2-7	Switching bridge, 2-pos.
2305538	USBRJ 2-7	

Marking

1007222	SBS 6:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1004115	WS 3- 6	Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm
1004209	WS 4- 6	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm
1004403	WS 5- 6	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

0309523	KSS 3- 6	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 3-pos., pitch: 6.2 mm, color: Black
0301547	KSS 6	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 6.2 mm, color: Black
0201744	MPS-MT	Test plug, consisting of: metal part for 2.3 mm diameter socket hole and insulating sleeve for MPS metal part
3000214	PAD-LOE/ 5N GY	Connector, color: gray
3001132	PS-UK 2,5 B/E	Individual test plug, 5 mm wide, 1-pos., can be aligned as desired
3001239	PS-UK 2,5 B/Z-6	Modular test plug, 6.2 mm wide, set of 10 with locking latch and connecting pin, interlockable as desired
3001462	PS-UK 3-5/Z-6	Test plug
0601292	PSB 3/10/4	Test plug socket, not insulated, length: 10 mm, screw thread width: 3 mm, socket width: 4 mm
0201304	PSBJ 3/13/4	Test plug socket, insulated, length: 13 mm, screw thread width: 3mm, socket width: 4 mm, insulation material transparent
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

► Address

Phoenix Contact GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel + 49 - (0) 52 35 - 3-00
Fax + 49 - (0) 52 35 - 3-4 12 00
www.phoenixcontact.com

© Phoenix Contact
Technical modifications reserved