

Feed-through terminal block - UK 5 N

3004362

<https://www.phoenixcontact.com/pc/products/3004362>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

Your advantages

- Universal foot which can be used on NS 35... and NS 32... DIN rails
- The UK universal screw terminal block series has the typical features which are decisive for practical applications
- Potential distribution via fixed bridges in the terminal center or insertion bridges in the clamping space

Commercial Data

Item number	3004362
Packing unit	50 pc
Minimum order quantity	1 pc
Product Key	BE1211
Catalog Page	Page 459 (C-1-2019)
GTIN	4017918090760
Weight per Piece (including packing)	8.686 g
Weight per Piece (excluding packing)	7.948 g
Customs tariff number	85369010
Country of origin	CN

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Technical Data

Product properties

Product type	Feed-through terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	4 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 2.5 mm ²
Nominal current	32 A
Maximum load current	41 A (with 6 mm ² conductor cross section)
Nominal voltage	800 V
Nominal cross section	4 mm ²

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Ex data

Rated data (ATEX/IECEx)

Identification	□ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3003020 D-UK 4/10
	3006027 D-UK 16
	3003224 ATP-UK
	1212587 SF-SL 0,6X3,5-100 S-VDE
	1201442 E/UK
List of bridges	Fixed bridge / FB 2- 6-EX / 0201456
	Fixed bridge / FB 3- 6-EX / 0201469
	Fixed bridge / FB 10- 6-EX / 0201281
Bridge data	27.5 A / 4 mm ²
List of bridges	Fixed bridge / FBI 10- 6-EX / 0203519
Bridge data	28.5 A / 4 mm ²
List of bridges	Chain bridge / KB- 6-EX / 0201485
Bridge data	28 A / 4 mm ²
List of bridges	Chain bridge / KBI- 6-EX / 0711849
Bridge data	28 A / 4 mm ²
List of bridges	Cross connection bar / FB-150 METER / 0201595
	Cross connection bar / ZSR-EX / 0200017
Bridge data	26 A / 4 mm ²
Ex temperature increase	40 K (30 A / 4 mm ²)
Rated voltage	690 V (NS 35)
for bridging with bridge	550 V (NS 32)
- At bridging between non-adjacent terminal blocks	176 V
Rated insulation voltage	630 V (NS 35)
	500 V (NS 32)
output	(Permanent)

Ex level General

Rated current	27 A
Maximum load current	35 A
Contact resistance	0.37 mΩ

Ex connection data General

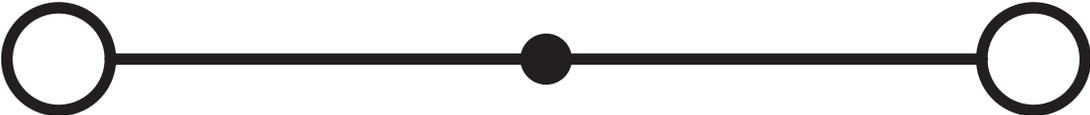
Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	4 mm ²
Rated cross section AWG	12
Connection capacity rigid	0.2 mm ² ... 6 mm ²
Connection capacity AWG	24 ... 10
Connection capacity flexible	0.2 mm ² ... 4 mm ²
Connection capacity AWG	24 ... 12

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Drawings

Circuit diagram



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Accessories

 Note: Applying some accessories below might limit this product.

Bridge bar isolator

Bridge bar isolator - IS-K 4 - 1302338

<https://www.phoenixcontact.com/pc/products/1302338>



Bridge bar isolator, color: gray

Bridge

Bridge - ISSBI 10- 6 - 0301505

<https://www.phoenixcontact.com/pc/products/0301505>



Bridge, pitch: 6 mm, color: silver

 Max. current carrying capacity: 30 A

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Screw

Screw - ZSR - 2303608

<https://www.phoenixcontact.com/pc/products/2303608>



Screw

Screw

Screw - ZSR-EX - 0200017

<https://www.phoenixcontact.com/pc/products/0200017>



Screw

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Short-circuit connector

Short-circuit connector - KSS 3-6 - 0309523

<https://www.phoenixcontact.com/pc/products/0309523>

Short-circuit connector, pitch: 6 mm, color: black



Cover

Cover - EA 5 - 1024014

<https://www.phoenixcontact.com/pc/products/1024014>

Cover, material: ABS, color: transparent



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DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/pc/products/1204122>



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

<https://www.phoenixcontact.com/pc/products/0801704>



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

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DIN rail perforated

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

<https://www.phoenixcontact.com/pc/products/1206421>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

<https://www.phoenixcontact.com/pc/products/1206434>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

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Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430

<https://www.phoenixcontact.com/pc/products/1051430>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 - 0818085

<https://www.phoenixcontact.com/pc/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

<https://www.phoenixcontact.com/pc/products/0201663>

Insulating sleeve, color: white



Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

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Insulating sleeve, color: red



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Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

<https://www.phoenixcontact.com/pc/products/0201689>

Insulating sleeve, color: blue



Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692

<https://www.phoenixcontact.com/pc/products/0201692>

Insulating sleeve, color: yellow



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Insulating sleeve

Insulating sleeve - MPS-IH BK - 0201731

<https://www.phoenixcontact.com/pc/products/0201731>

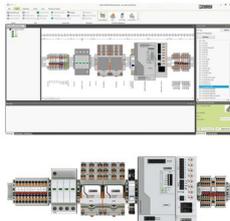
Insulating sleeve, color: black



Software

Software - PROJECT COMPLETE - 1050453

<https://www.phoenixcontact.com/pc/products/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

