

## Feed-through modular terminal block - UK 5 N BG - 0719207

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through modular terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 24 - 10, Width: 6.2 mm, Color: beige, Mounting type: NS 35/7.5, NS 35/15, NS 32

### Product description

Feed-through modular terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 24 - 10, Width: 6.2 mm, Color: beige, Mounting type: NS 35/7.5, NS 35/15, NS 32



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 0                                                                                                       |
| Minimum order quantity               | 50                                                                                                      |
| GTIN                                 | <br>4 017918 942397 |
| Weight per piece (including packing) | 0.0 GRM                                                                                                 |
| Weight per Piece (excluding packing) | 8.73 GRM                                                                                                |
| Country of origin                    | GERMANY                                                                                                 |

### Technical data

#### General

|                                         |       |
|-----------------------------------------|-------|
| Number of levels                        | 1     |
| Number of connections                   | 2     |
| Color                                   | beige |
| Insulating material                     | PA    |
| Inflammability class according 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

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Maximum load current | 41 A (with 6 mm <sup>2</sup> conductor cross section) |
|----------------------|-------------------------------------------------------|

# Feed-through modular terminal block - UK 5 N BG - 0719207

## Technical data

### Technical data

|                                  |               |
|----------------------------------|---------------|
| 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>   | 41 A          |
| Nominal voltage U <sub>N</sub>   | 800 V         |
| Open side panel                  | ja            |
| Number of positions              | 1             |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 10                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 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. | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.                                         | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.                                      | 4 mm <sup>2</sup>    |
| Connection method                                                                       | Screw connection     |
| Stripping length                                                                        | 8 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |

# Feed-through modular terminal block - UK 5 N BG - 0719207

## Classifications

### eclass

|            |          |
|------------|----------|
| eClass 4.0 | 27141120 |
| eClass 4.1 | 27141120 |
| eClass 5.0 | 27141120 |
| eClass 5.1 | 27141120 |
| eClass 6.0 | 27141120 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / GL / RS / PRS / NK / CCA / IECEE CB Scheme / GOST / cULus Recognized

#### Certification EX

IECEx / ATEX / FM approved / UL Recognized / cUL Recognized / GL / cULus

#### Certification submitted

## Approval details

|                            |       |
|----------------------------|-------|
| CSA                        |       |
| mm <sup>2</sup> /AWG/kcmil | 28-10 |
| Nominal current IN         | 40 A  |
| Nominal voltage UN         | 600 V |

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Approvals

|                                |       |
|--------------------------------|-------|
| UL Recognized                  |       |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 |
| Nominal current I <sub>N</sub> | 30 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|                                |       |
|--------------------------------|-------|
| KEMA-KEUR                      |       |
| mm <sup>2</sup> /AWG/kcmil     | 4     |
| Nominal voltage U <sub>N</sub> | 800 V |

|                                |       |
|--------------------------------|-------|
| cUL Recognized                 |       |
| mm <sup>2</sup> /AWG/kcmil     | 30-10 |
| Nominal current I <sub>N</sub> | 30 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|                                |       |
|--------------------------------|-------|
| LR                             |       |
| mm <sup>2</sup> /AWG/kcmil     | 4     |
| Nominal current I <sub>N</sub> | 32 A  |
| Nominal voltage U <sub>N</sub> | 800 V |

|    |  |
|----|--|
| GL |  |
|----|--|

|    |  |
|----|--|
| RS |  |
|----|--|

|     |  |
|-----|--|
| PRS |  |
|-----|--|

|    |  |
|----|--|
| NK |  |
|----|--|

|                                |       |
|--------------------------------|-------|
| CCA                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 4     |
| Nominal voltage U <sub>N</sub> | 800 V |

|                                |       |
|--------------------------------|-------|
| IECEE CB Scheme                |       |
| mm <sup>2</sup> /AWG/kcmil     | 4     |
| Nominal voltage U <sub>N</sub> | 800 V |

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Approvals

GOST

cULus Recognized

### Accessories

#### Accessories

#### Assembly

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

DIN rail - NS 32 CU/35QMM UNPERF 2000MM - 1201358

G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 32 CU/120QMM UNPERF 2000MM - 1201280

G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 32 UNPERF 2000MM - 1201015

G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 32 PERF 2000MM - 1201002

G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m



DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895

DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m



DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798

DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

---

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

---

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

---

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

---

End clamp - CLIPFIX 35 - 3022218



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

---

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

#### End cover - D-UK 4/10 - 3003020

End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 35.9 mm, Color: gray



---

#### Screw - ZSR - 2303608

Distance piece, metal, for branches of FB-150, with screw and thrust washer



---

#### Mounting clip - ZSR-EX - 0200017

Distance piece, metal, for branches of FB-150, with screw and thrust washer

---

#### Fixed bridge - FB-150 METER - 0201595

Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long



---

#### Cover - EA 5 - 1024014

Single covers, color: transparent



---

#### Cover - EA 5-WS - 1024085

Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Step bracket - STL 10N/5N - 0204110

Step bracket, Number of positions: 2, Color: aluminum



Step bracket - STL 35/ 5 - 0204107

Step bracket, Number of positions: 2, Color: white aluminum



Separating plate - TS-K - 1302215

Separating plate, Length: 22 mm, Height: 22 mm, Color: gray



Partition plate - ATP-UK - 3003224

Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 45.7 mm, Color: gray



### Bridges

Bridge bar isolator - IS-K 4 - 1302338

Bridge bar isolator, Color: gray



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Bridge bar isolator - ISSBI 10- 6 - 0301505

Bridge bar isolator, Number of positions: 10, Color: silver



---

Jumper - LB 10-6 BU - 0202280

Jumper, Number of positions: 10, Color: blue



---

Jumper - LB 10-6 GY - 0202358

Jumper, Number of positions: 10, Color: gray



---

Jumper - LB 100-6 GY - 0202345

Jumper, Number of positions: 100, Color: gray



---

Jumper - LB 100-6 BU - 0202303

Jumper, Number of positions: 100, Color: blue



---

Chain bridge - KB- 6-EX - 0201485

Chain bridge, Color: silver



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

---

Fixed bridge - FB 100- 6 - 0201524

Fixed bridge, Number of positions: 100, Color: silver

---

Fixed bridge - FBI 2- 6 - 0203438

Fixed bridge, Number of positions: 2, Color: silver



Fixed bridge - FBI 10- 6 - 0203250

Fixed bridge, Number of positions: 10, Color: silver



Fixed bridge - FB 3- 6-EX - 0201469

Fixed bridge, Number of positions: 3, Color: silver

---

Fixed bridge - FB 2- 6-EX - 0201456

Fixed bridge, Number of positions: 2, Color: silver



Fixed bridge - FB 5- 6 - 0201029

Fixed bridge, Number of positions: 5, Color: silver

---

Fixed bridge - FBI 100- 6 - 0201650

Fixed bridge, Number of positions: 100, Color: silver

---

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Fixed bridge - FBI 20- 6 - 0201867

Fixed bridge, Number of positions: 20, Color: silver



---

Fixed bridge - FB 10- 6-EX - 0201281

Fixed bridge, Number of positions: 10, Color: silver

---

Fixed bridge - FB 10- 6 - 0201184

Fixed bridge, Number of positions: 10, Color: silver

---

### Marking

Zack marker strip - ZB 6:SO/CMS - 1050499

Zack marker strip, white, For terminal block width: 6 mm



---

Warning label - WS 3- 6 - 1004115

Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm



---

Warning label - WS 4- 6 - 1004209

Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Warning label - WS 5- 6 - 1004403

Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm



Marker cards - SBS 6:UNBEDRUCKT - 1007222

Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into fl



### Plug/Adapter

Female test connector - PSB 3/10/4 - 0601292

Female test connector, Color: silver



Female test connector - PSBJ 3/13/4 - 0201304

Female test connector, Color: silver



Short-circuit connector - KSS 6 - 0301547

Short-circuit connector, Number of positions: 2, Color: black



## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Short-circuit connector - KSS 3- 6 - 0309523

Short-circuit connector, Number of positions: 3, Color: black



---

Test plugs - PS-UK 3-5/Z-6 - 3001462

Test plug



---

Test plugs - PS-UK 2,5 B/Z-6 - 3001239

Test plugs, Color: red



---

Test plugs - PS-UK 2,5 B/E - 3001132

Test plugs, Color: red



---

Reducing plug - RPS - 0201647

Reducing plug, Color: gray



---

Connectors - PAD-LOE/ 5N GY - 3000214

Connector, color: gray

## Feed-through modular terminal block - UK 5 N BG - 0719207

### Accessories

Test plugs - MPS-MT - 0201744

Test plugs



---

© Phoenix Contact 2012 - all rights reserved  
<http://www.phoenixcontact.com>