

## Feed-through terminal block - UKK 4-FS - 2770561

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 terminal block, Connection method: Screw connection, Slip-on connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, Width: 6.2 mm, Color: gray, Mounting: NS 35/7,5, NS 35/15, NS 32 / Ex data new / /

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918067977 |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 2    |
| Number of connections                   | 4    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V2   |

#### General

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Maximum load current           | 20 A (with 4 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage            | 6 kV                                                  |
| Pollution degree               | 3                                                     |
| Surge voltage category         | III                                                   |
| Insulating material group      | I                                                     |
| Nominal current I <sub>N</sub> | 20 A                                                  |
| Nominal voltage U <sub>N</sub> | 400 V                                                 |
| Open side panel                | ja                                                    |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 72 mm   |
| Height NS 35/7,5 | 59 mm   |
| Height NS 35/15  | 66.5 mm |
| Height NS 32     | 64 mm   |

#### Connection data

|                   |                  |
|-------------------|------------------|
| Connection method | Screw connection |
| Stripping length  | 8 mm             |

# Feed-through terminal block - UKK 4-FS - 2770561

## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 4 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                                                   | 12                   |
| 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 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, 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>  |
| 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. | 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.                                      | 2.5 mm <sup>2</sup>  |

### Connection data

|                   |                    |
|-------------------|--------------------|
| Connection method | Slip-on connection |
|-------------------|--------------------|

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |

# Feed-through terminal block - UKK 4-FS - 2770561

## classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27141120 |
|------------|----------|

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

UNSPSC

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

## approvals

UL Recognized / GOST / GOST /

## Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| Nominal voltage UN                                                                                | 300 V |
| Nominal current IN                                                                                | 20 A  |
| mm²/AWG/kcmil                                                                                     | 30-10 |

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|                                                                                     |
|-------------------------------------------------------------------------------------|
|  |
|-------------------------------------------------------------------------------------|

## accessories

### End cover

## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

D-UKK 4 - 2770558



---

### Warning label printed

WS 5- 6 - 1004403



WS 4- 6 - 1004209



WS 3- 6 - 1004115



---

### Bridge

FB-150 METER - 0201595



# Feed-through terminal block - UKK 4-FS - 2770561

## accessories

LB 10-6 BU - 0202280



LB 10-6 GY - 0202358



LB 100-6 GY - 0202345



LB 100-6 RD - 0202316



LB 100-6 BU - 0202303



LB 10-6 RD - 0202293



# Feed-through terminal block - UKK 4-FS - 2770561

## accessories

---

FBI 100- 6 - 0201650



FBI 10- 6 - 0203250



FBI 20- 6 - 0201867



EB 3- 6 - 0201142



EB 2- 6 - 0201155



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

EB 10- 6 - 0201139



---

USBRJ 2-7 - 2305538



---

USBR 2-7 - 2303239



---

### Cover profile

EA 5 - 1024014



---

EA 5-WS - 1024085



---

### Short-circuit connector

## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

KSS 6 - 0301547



KSS 3- 6 - 0309523



### Test plug terminal block

RPS - 0201647



### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

UC-TM 6 - 0818085



UCT-TM 6 - 0828736



### Screwdriver tools

SZS 0,6X3,5 - 1205053



### Insulating sleeve

IS-K 4 - 1302338



ISSBI 10- 6 - 0301505



### Mounting rail

## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

NS 32 PERF 2000MM - 1201002



---

NS 32 UNPERF 2000MM - 1201015



---

NS 35/ 7,5 PERF 2000MM - 0801733



---

NS 35/ 7,5 UNPERF 2000MM - 0801681



---

NS 35/ 7,5 WH PERF 2000MM - 1204119



---

NS 35/ 7,5 WH UNPERF 2000MM - 1204122



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

---

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



---

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



---

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



---

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



---

NS 35/ 7,5 CAP - 1206560



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

NS 35/15 PERF 2000MM - 1201730



---

NS 35/15 UNPERF 2000MM - 1201714



---

NS 35/15 WH PERF 2000MM - 0806602



---

NS 35/15 WH UNPERF 2000MM - 1204135



---

NS 35/15 AL UNPERF 2000MM - 1201756



---

NS 35/15 ZN PERF 2000MM - 1206599



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

---

NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



---

### Labeled terminal marker

ZB 6 CUS - 0824992



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Feed-through terminal block - UKK 4-FS - 2770561

### accessories

E/UK - 1201442



E/UK 1 - 1201413



### Test socket

PSBJ 3/13/4 - 0201304



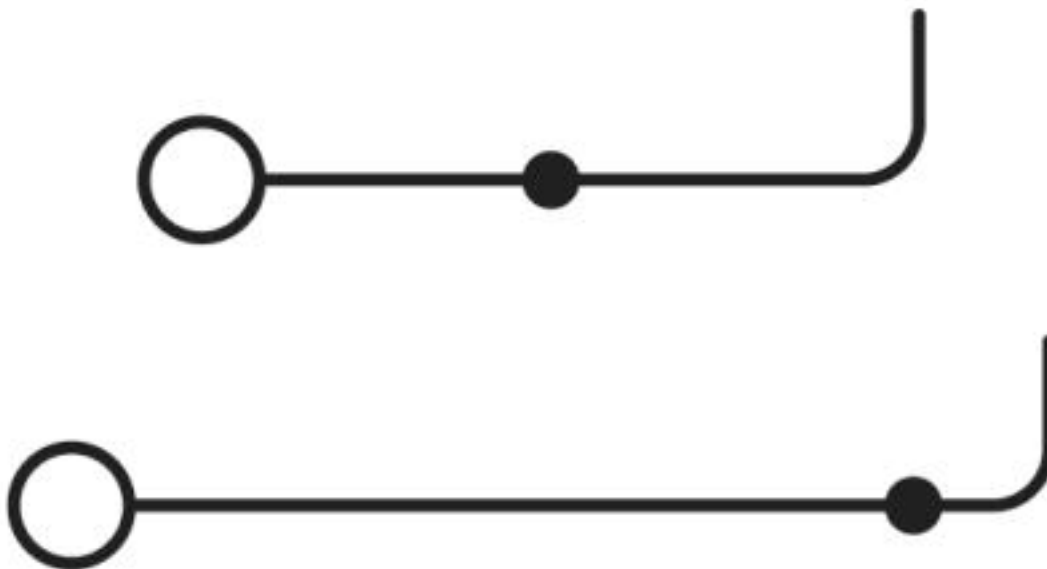
PSB 3/10/4 - 0601292



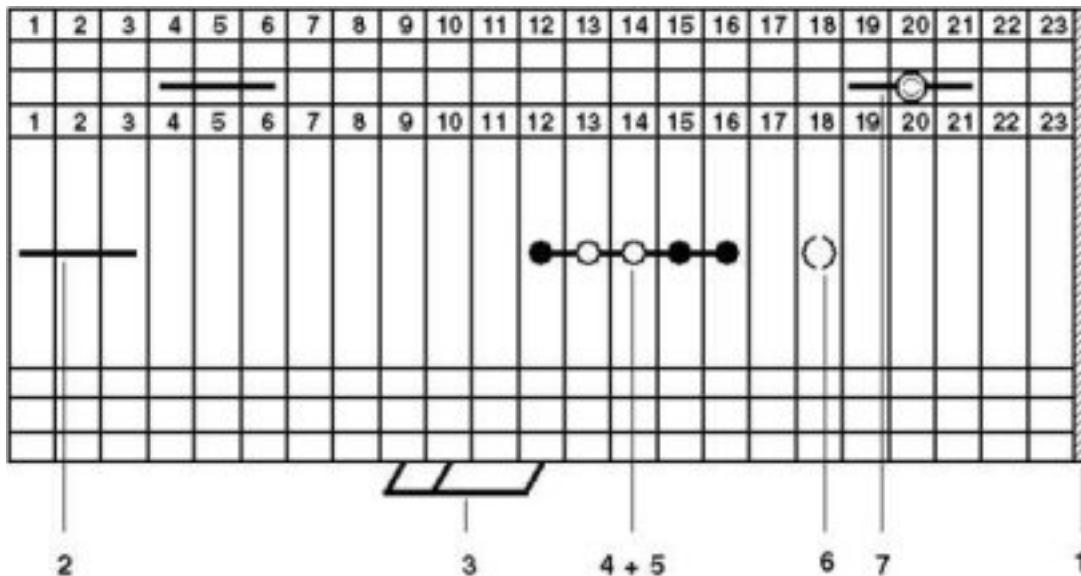
### Drawings

## Feed-through terminal block - UKK 4-FS - 2770561

Circuit diagram



Circuit diagram



1 = cover  
2 = fixed bridge  
3 = insertion bridge  
4 = isolator bridge bar  
5 = bridge bar isolator  
6 = test plug socket, for test connection with test plug MPS or adapter plug RPS  
7 = test plug socket, insulated, can only be used above FBI, KB, ISSBI