

# Feed-through terminal block - UKK 5 BU - 2774091

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Feed-through terminal block, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Connection type: Screw connection, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

The illustration shows version UKK 5 in gray

## Product Features

- Large-surface labeling option

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918068318 |

## Technical data

### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 2    |
| Number of connections                   | 4    |
| Color                                   | blue |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

### General

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 6 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>   | 32 A          |
| Nominal voltage U <sub>N</sub>   | 500 V         |
| Open side panel                  | ja            |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 56 mm   |
| Height NS 35/7,5 | 62 mm   |
| Height NS 35/15  | 69.5 mm |
| Height NS 32     | 67 mm   |

# Feed-through terminal block - UKK 5 BU - 2774091

## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| 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.                                        | 1.5 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, 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 method                                                                       | Screw connection     |
| Stripping length                                                                        | 8 mm                 |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |

## 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 |
| eCl@ss 8.0 | 27141120 |

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## classifications

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC000897 |
| <b>ETIM 3.0</b> | EC000897 |
| <b>ETIM 4.0</b> | EC000897 |
| <b>ETIM 5.0</b> | EC000897 |


### UNSPSC


|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30211811 |
| <b>UNSPSC 7.0901</b> | 39121410 |
| <b>UNSPSC 11</b>     | 39121410 |
| <b>UNSPSC 12.01</b>  | 39121410 |
| <b>UNSPSC 13.2</b>   | 39121410 |


## approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GL / DNV / CCA / cULus Recognized /

### Approval details

|                                                                                                |          |          |
|------------------------------------------------------------------------------------------------|----------|----------|
| <b>CSA</b>  |          |          |
| <b>Usegroups</b>                                                                               | <b>B</b> | <b>C</b> |
| Nominal voltage UN                                                                             | 300 V    | 300 V    |
| Nominal current IN                                                                             | 25 A     | 25 A     |
| mm <sup>2</sup> /AWG/kcmil                                                                     | 28-10    | 28-10    |

|                                                                                                          |       |
|----------------------------------------------------------------------------------------------------------|-------|
| <b>UL Recognized</b>  |       |
| Nominal voltage UN                                                                                       | 600 V |
| Nominal current IN                                                                                       | 30 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                               | 26-10 |

|                                                                                                      |       |
|------------------------------------------------------------------------------------------------------|-------|
| <b>KEMA-KEUR</b>  |       |
| Nominal voltage UN                                                                                   | 500 V |
| Nominal current IN                                                                                   | 32 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                           | 4     |

# Feed-through terminal block - UKK 5 BU - 2774091

approvals

|                            |       |
|----------------------------|-------|
| <b>cUL Recognized</b>      |       |
| Nominal voltage UN         | 600 V |
| Nominal current IN         | 30 A  |
| mm <sup>2</sup> /AWG/kcmil | 26-10 |

|           |
|-----------|
| <b>GL</b> |
|-----------|

|            |
|------------|
| <b>DNV</b> |
|------------|

|                            |       |
|----------------------------|-------|
| <b>CCA</b>                 |       |
| Nominal voltage UN         | 500 V |
| Nominal current IN         |       |
| mm <sup>2</sup> /AWG/kcmil | 4     |

|                         |
|-------------------------|
| <b>cULus Recognized</b> |
|-------------------------|

accessories

## Partition plate

DP-UKK 3/5 - 2770794



TS-KK 3 - 2770215



## End cover

## Feed-through terminal block - UKK 5 BU - 2774091

accessories

D-UKK 3/5 BU - 2770105



DG-UKK 3/5 - 2770817



D-UKK 3/5 - 2770024



**Warning label printed**

WS 5- 6 - 1004403



WS 4- 6 - 1004209



# Feed-through terminal block - UKK 5 BU - 2774091

accessories

WS 3- 6 - 1004115



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## Bridge

FB-150 METER - 0201595



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LB 10-6 RD - 0202293



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LB 10-6 GY - 0202358



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LB 100-6 GY - 0202345



# Feed-through terminal block - UKK 5 BU - 2774091

## accessories

LB 100-6 RD - 0202316



LB 100-6 BU - 0202303



LB 10-6 BU - 0202280



FBI 100- 6 - 0201650



FBI 10- 6 - 0203250



FBI 20- 6 - 0201867



# Feed-through terminal block - UKK 5 BU - 2774091

## accessories

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EB 3- 6 - 0201142



EB 2- 6 - 0201155



EB 10- 6 - 0201139



SBRN 2-7 - 1413230



USBR 2-7 - 2303239





## Feed-through terminal block - UKK 5 BU - 2774091

accessories

USBRJ 2-7 - 2305538



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### Short-circuit connector

KSS 3- 6 - 0309523



KSS 6 - 0301547



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### Test plug terminal block

PS-UKK/E - 3000641



PS-UKK 5 - 3000625



# Feed-through terminal block - UKK 5 BU - 2774091

accessories

RPS - 0201647



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## Partition plate

ATP-UKK 3/5 - 2778521



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## Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



# Feed-through terminal block - UKK 5 BU - 2774091

## accessories

UCT-TM 6 - 0828736



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## Insulating sleeve

IS-K 4 - 1302338



ISSBI 10- 6 - 0301505



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## Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



## Feed-through terminal block - UKK 5 BU - 2774091

### accessories

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



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



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



## Feed-through terminal block - UKK 5 BU - 2774091

accessories

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - UKK 5 BU - 2774091

### accessories

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



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



# Feed-through terminal block - UKK 5 BU - 2774091

accessories

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NS 35/15 CAP - 1206573



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



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## Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



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## End block

## Feed-through terminal block - UKK 5 BU - 2774091

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



**Test socket**



# Feed-through terminal block - UKK 5 BU - 2774091

## accessories

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



## Drawings

Circuit diagram



1 = cover  
2 = spacer cover  
3 = spacer plate  
4 = fixed bridge  
5 = insertion bridge  
6 = isolator bridge bar  
7 = bridge bar isolator  
8 = separating plate  
9 = partition plate

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