

## Feed-through terminal block - UK 16 BU - 3006098

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 20 - 6, Width: 10.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

### Key commercial data

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 1                                                                                                   |
| GTIN                                 | <br>4 017918 091347 |
| Weight per Piece (excluding packing) | 21.0 GRM                                                                                              |
| Custom tariff number                 | 85369010                                                                                              |
| Country of origin                    | Germany                                                                                               |

### Technical data

#### General

|                                         |          |
|-----------------------------------------|----------|
| Number of levels                        | 1        |
| Number of connections                   | 2        |
| Color                                   | blue     |
| Insulating material                     | PA       |
| Inflammability class according to UL 94 | V2       |
| Rated surge voltage                     | 8 kV     |
| Pollution degree                        | 3        |
| Surge voltage category                  | III      |
| Insulating material group               | I        |
| Connection in acc. with standard        | IEC / EN |
| Nominal current I <sub>N</sub>          | 76 A     |
| Nominal voltage U <sub>N</sub>          | 800 V    |
| Open side panel                         | ja       |

#### Dimensions

|       |         |
|-------|---------|
| Width | 10.2 mm |
|-------|---------|

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## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Length           | 42.5 mm |
| Height NS 35/7,5 | 54 mm   |
| Height NS 35/15  | 61.5 mm |
| Height NS 32     | 59 mm   |

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                                      | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 20                  |
| Conductor cross section AWG/kcmil max                                                   | 6                   |
| Conductor cross section stranded min.                                                   | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 10 mm <sup>2</sup>  |
| Min. AWG conductor cross section, stranded                                              | 20                  |
| Max. AWG conductor cross section, stranded                                              | 8                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 10 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 4 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. | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 4 mm <sup>2</sup>   |
| Connection method                                                                       | Screw connection    |
| Stripping length                                                                        | 11 mm               |
| Internal cylindrical gage                                                               | B 6                 |
| Screw thread                                                                            | M4                  |
| Tightening torque, min                                                                  | 1.5 Nm              |
| Tightening torque max                                                                   | 1.8 Nm              |

## Feed-through terminal block - UK 16 BU - 3006098

### Classifications

#### eCl@ss

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

#### Approvals

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##### Approvals

cUL Recognized / GOST / GL / DNV / GOST

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## Feed-through terminal block - UK 16 BU - 3006098

### Approvals

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                    | 24-6  |
| Nominal current I <sub>N</sub>                                                                   | 65 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V |

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

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

|     |
|-----|
| DNV |
|-----|

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

### Accessories

#### Accessories

#### Bridge

Step bracket - STL 35/16 - 0204097



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

Step bracket - STL 16/10 - 0204518



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

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

Fixed bridge - FBI 2-10 - 0203483



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

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Fixed bridge - FBI 10-10 - 0203276



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

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Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Number of positions: 10, Color: gray

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Insertion bridge - EB 3-10 - 0203328



Insertion bridge, Number of positions: 3, Color: gray

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## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

Switching jumper - SB 2-10/15 - 0203234



Switching jumper, Number of positions: 2, Color: silver

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### Cover profile

Cover profile - EA 7 - 1024250



Single covers, color: transparent

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### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

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End clamp - E/UK - 1201442



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

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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End cover

End cover - D-UK 16 BU - 3006108



End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: blue

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End cover - D-UK 16 - 3006027



End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: gray

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Labeled terminal marker

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

#### Zack marker strip - ZB 10 CUS - 0824941



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 10 CUS - 0824605



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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#### Marker for terminal blocks - UCT-TM 10 CUS - 0829623



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm

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### Mounting rail

#### DIN rail - NS 32 PERF 2000MM - 1201002



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

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#### DIN rail - NS 32 UNPERF 2000MM - 1201015



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

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

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 UNPERF 2000MM - 0801681



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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



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

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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

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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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

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## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

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



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

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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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

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 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

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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

### Partition plate

Separating plate - TS-K - 1302215



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

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

Partition plate - ATP-UK - 3003224



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

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### Short-circuit connector

Short-circuit connector - KSS 10 - 0310541



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

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### Terminal marking

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 10.5 x 10.15 mm

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Marker for terminal blocks - UC-TM 10 - 0818069



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 10 - 0829142



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

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#### Test socket

Female test connector - PSBJ 4/15/6 FARBLOS - 0303419



Female test connector, Color: transparent

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Female test connector - PSBJ 4/15/6 WH - 0303312



Female test connector, Color: white

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Female test connector - PSBJ 4/15/6 RD - 0303325



Female test connector, Color: red

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Female test connector - PSBJ 4/15/6 BU - 0303354



Female test connector, Color: blue

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Female test connector - PSBJ 4/15/6 YE - 0303367



Female test connector, Color: yellow

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

Female test connector - PSBJ 4/15/6 GN - 0303370



Female test connector, Color: green

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Female test connector - PSBJ 4/15/6 VT - 0303383



Female test connector, Color: violet

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Female test connector - PSBJ 4/15/6 GY - 0303396



Female test connector, Color: gray

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Female test connector - PSBJ 4/15/6 BK - 0303406



Female test connector, Color: black

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Female test connector - PSB 4/7/6 - 0303299



Female test connector, Color: silver

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Warning label printed

## Feed-through terminal block - UK 16 BU - 3006098

### Accessories

Warning label - WS 5-10 - 1004429



Warning label, Plate, yellow, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, For terminal block width: 10 mm

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Warning label - WS 4-10 - 1004225



Warning label, Plate, yellow, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, For terminal block width: 10 mm

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