

## Feed-through terminal block - UK 5-TWIN RD - 1923157

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>)



1-level terminal block with double connection on one side, cross section: 0.2 - 4 mm<sup>2</sup>, AWG: 24 - 12, width: 6.2 mm, color: Red

The figure shows a version of the article



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918203771 |

### Technical data

#### General

|                                         |     |
|-----------------------------------------|-----|
| Number of levels                        | 2   |
| Number of connections                   | 3   |
| Color                                   | red |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V2  |

#### General

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| Maximum load current             | 32 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                                                                                                     |
| Connection in acc. with standard | IEC 60947-7-1                                                                                         |
| Nominal current I <sub>N</sub>   | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage U <sub>N</sub>   | 500 V (With tightened clamping screws)                                                                |
| Open side panel                  | ja                                                                                                    |
| Number of positions              | 1                                                                                                     |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 6.2 mm  |
| Length | 50.5 mm |

# Feed-through terminal block - UK 5-TWIN RD - 1923157

## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Height NS 35/7,5 | 47 mm   |
| Height NS 35/15  | 54.5 mm |
| Height NS 32     | 52 mm   |

### 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 AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded                                              | 24                   |
| Max. AWG conductor cross section, stranded                                              | 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, 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>  |
| 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               |

## classifications

eCl@ss

# Feed-through terminal block - UK 5-TWIN RD - 1923157

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27141120 |
| <b>eCl@ss 4.1</b> | 27141120 |
| <b>eCl@ss 5.0</b> | 27141120 |
| <b>eCl@ss 5.1</b> | 27141120 |
| <b>eCl@ss 6.0</b> | 27141120 |
| <b>eCl@ss 7.0</b> | 27141120 |
| <b>eCl@ss 8.0</b> | 27141120 |

### 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

ATEX / UL Recognized / cUL Recognized / cULus Recognized / CSA / UL Recognized / cUL Recognized / GL / cULus Recognized /

### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| <b>ATEX</b>  |       |
| Nominal voltage UN                                                                              | 275 V |
| Nominal current IN                                                                              | 32 A  |
| mm²/AWG/kcmil                                                                                   | 0.2-4 |

|                                                                                                          |       |
|----------------------------------------------------------------------------------------------------------|-------|
| <b>UL Recognized</b>  |       |
| Nominal voltage UN                                                                                       | 150 V |
| Nominal current IN                                                                                       | 30 A  |
| mm²/AWG/kcmil                                                                                            | 30-10 |

## Feed-through terminal block - UK 5-TWIN RD - 1923157

### approvals

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| Nominal voltage UN                                                                               | 150 V |
| Nominal current IN                                                                               | 30 A  |
| mm²/AWG/kcmil                                                                                    | 30-10 |

|                                                                                                    |  |
|----------------------------------------------------------------------------------------------------|--|
| cULus Recognized  |  |
|----------------------------------------------------------------------------------------------------|--|

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
| CSA  |       |
| Nominal voltage UN                                                                    | 300 V |
| Nominal current IN                                                                    | 30 A  |
| mm²/AWG/kcmil                                                                         | 22-10 |

|                                                                                     |       |
|-------------------------------------------------------------------------------------|-------|
|  |       |
| Nominal voltage UN                                                                  | 150 V |
| Nominal current IN                                                                  | 35 A  |
| mm²/AWG/kcmil                                                                       | 30-10 |

|                                                                                     |       |
|-------------------------------------------------------------------------------------|-------|
|  |       |
| Nominal voltage UN                                                                  | 150 V |
| Nominal current IN                                                                  | 35 A  |
| mm²/AWG/kcmil                                                                       | 30-10 |

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

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

## Feed-through terminal block - UK 5-TWIN RD - 1923157

accessories

### End cover

D-UK 5-TWIN - 1923034



UK 5-TWIN DECKELSEGMENT - 1923089



### Warning label printed

WS 5- 6 - 1004403



WS 4- 6 - 1004209



WS 3- 6 - 1004115



### Bridge

## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

FB-150 METER - 0201595



---

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 - UK 5-TWIN RD - 1923157

### accessories

---

LB 10-6 BU - 0202280



---

FBI 100- 6 - 0201650



---

FBI 10- 6 - 0203250



---

FBI 20- 6 - 0201867



---

EB 3- 6 - 0201142



## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

EB 2- 6 - 0201155



EB 10- 6 - 0201139



USBRJ 2-7 - 2305538



USBR 2-7 - 2303239



### Short-circuit connector

KSS 3- 6 - 0309523



## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

KSS 6 - 0301547



---

### Test plug terminal block

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



PS-UK 2,5 B/E - 3001132



RPS - 0201647



---

### Partition plate

TS-K - 1302215



---

### Terminal marking

## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

SBS 6:UNBEDRUCKT - 1007222



---

ZB 6:UNBEDRUCKT - 1051003



---

UC-TM 6 - 0818085



---

UCT-TM 6 - 0828736



---

### Insulating sleeve

IS-K 4 - 1302338



## Feed-through terminal block - UK 5-TWIN RD - 1923157

accessories

ISSBI 10- 6 - 0301505



---

### Mounting rail

NS 32 PERF 2000MM - 1201002



---

NS 32 UNPERF 2000MM - 1201015



---

NS 35/ 7,5 PERF 2000MM - 0801733



---

NS 35/ 7,5 UNPERF 2000MM - 0801681



## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

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



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



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



## Feed-through terminal block - UK 5-TWIN RD - 1923157

accessories

---

NS 35/ 7,5 CAP - 1206560



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



## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

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



NS 35/15 CAP - 1206573



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



# Feed-through terminal block - UK 5-TWIN RD - 1923157

## accessories

---

### Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



## Feed-through terminal block - UK 5-TWIN RD - 1923157

### accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



### Test socket

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



### Drawings

## Feed-through terminal block - UK 5-TWIN RD - 1923157

Circuit diagram



© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>