

## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

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Fuse modular terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup>- 16 mm<sup>2</sup>, AWG: 20 - 6, Nominal current: 10 A, Nominal voltage: 400 V, Width: 12 mm, Fuse type: G / 6,3 x 32, Fuse type: Glass, Mounting type: NS 35/7,5, NS 35/15, NS 32, Color: black

The illustration shows version UK 10-DREHSI (5x20)

### Why buy this product

- Can be bridged with FBI ... fixed bridge



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| GTIN                                 | <br>4 017918 091170 |
| Weight per Piece (excluding packing) | 34.57 g   |
| Custom tariff number                 | 85369085  |
| Country of origin                    | Poland  |

### Technical data

#### General

|  |                    |
|--|--------------------|
| Number of levels                       | 1                  |
| Number of connections                  | 2                  |
| Nominal cross section                  | 16 mm <sup>2</sup> |
| Color                                  | black              |
| Insulating material                    | PA                 |
| Flammability rating according to UL 94 | V2                 |
| Fuse                                   | G / 6,3 x 32       |
| Fuse type                              | Glass              |
| Rated surge voltage                    | 4 kV               |
| Degree of pollution                    | 3                  |
| Overvoltage category                   | III                |
| Insulating material group              | I                  |
| Connection in acc. with standard       | IEC 60947-7-3      |

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### Technical data

#### General

|                       |  |
|-----------------------|--|
| Maximum load current  | 10 A                                   |
| Nominal current $I_N$ | 10 A                                   |
| Nominal voltage $U_N$ | 400 V                                  |
|                       | 800 V (As a disconnect terminal block) |
| Open side panel       | nein                                   |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 12 mm   |
| Length           | 62 mm   |
| Height NS 35/7,5 | 57.2 mm |
| Height NS 35/15  | 64.7 mm |
| Height NS 32     | 62.2 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 flexible min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max.   | 16 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 20                  |
| Conductor cross section AWG max.  | 6                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 10 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 10 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.   | 10 mm <sup>2</sup>  |
| Cross section with insertion bridge, stranded 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, 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>   |
| 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. | 10 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.   | 10 mm <sup>2</sup>  |
| Cross section with insertion bridge, stranded max.                                      | 10 mm <sup>2</sup>  |
| Connection method   | Screw connection    |
| Stripping length  | 11 mm               |
| Internal cylindrical gage   | B6                  |

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## Technical data

### Connection data

|                        |        |
|------------------------|--------|
| Screw thread           | M4     |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max  | 1.8 Nm |

### Standards and Regulations

|  |               |
|--|---------------|
| Connection in acc. with standard       | CSA           |
|  | IEC 60947-7-3 |
| Flammability rating according to UL 94 | V2            |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 8.0 | 27141116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000899 |
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11     | 39121411 |
| UNSPSC 12.01  | 39121411 |
| UNSPSC 13.2   | 39121411 |

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / KEMA-KEUR / LR / GL / BV / PRS / CCA / IECCEB Scheme / EAC

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#### Ex Approvals

# Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

## Approvals

Approvals submitted

### Approval details

|                            |       |
|----------------------------|-------|
| CSA                        |       |
| mm <sup>2</sup> /AWG/kcmil | 22-6  |
| Nominal current IN         | 20 A  |
| Nominal voltage UN         | 300 V |

|                            |       |       |
|----------------------------|-------|-------|
| UL Recognized              |       |       |
|                            | B     | C     |
| mm <sup>2</sup> /AWG/kcmil | 24-6  | 24-6  |
| Nominal current IN         | 20 A  | 20 A  |
| Nominal voltage UN         | 300 V | 300 V |

|                            |        |
|----------------------------|--------|
| KEMA-KEUR                  |        |
| mm <sup>2</sup> /AWG/kcmil | 0.5-16 |
| Nominal current IN         | 10 A   |
| Nominal voltage UN         | 800 V  |

LR

GL

BV

PRS

CCA

# Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

## Approvals

|                                |        |
|--------------------------------|--------|
| IECEE CB Scheme                |        |
| mm <sup>2</sup> /AWG/kcmil     | 0.5-16 |
| Nominal current I <sub>N</sub> | 10 A   |
| Nominal voltage U <sub>N</sub> | 800 V  |

|     |
|-----|
| EAC |
|-----|

## Accessories

### Accessories

#### DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



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

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



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

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, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



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

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### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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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

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DIN rail perforated - 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, unperforated - 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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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

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



DIN rail 35 mm (NS 35)

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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

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



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

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DIN rail, unperforated - 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

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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

End cap - NS 35/15 CAP - 1206573



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

DIN rail, unperforated - 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

### 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

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

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

End clamp - E/UK - 1201442



End clamp, Width: 9.5 mm, Height: 35.3 mm, Length: 50.5 mm, Color: gray

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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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### Insertion bridge

Insertion bridge - EB 10-12 - 3006137



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

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### Labeled terminal marker

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 CUS - 0824589



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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### Screw bridge

Fixed bridge - FBI 10-12 - 0203454



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

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Fixed bridge - FBI 2-12 - 0200075



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

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### Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

Marker for terminal blocks - UC-TM 6 - 0818085



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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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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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

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

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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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## Fuse modular terminal block - UK 10-DREHSI (6,3X32) - 3005507

### Accessories

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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### Drawings

Circuit diagram

