

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

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Fuse modular terminal block, Connection method: Push-in connection, Cross section: 1.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, AWG: 16 - 6, Nominal current: 20 A, Nominal voltage: 1000 V, Width: 17.6 mm, Fuse type: Midget / 10.3 x 38, Mounting type: NS 35/7,5, NS 35/15, Color: black

### Why buy this product

- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ✓ Dielectric strength up to 1000 V DC

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 10 STK                                                                                                  |
| GTIN                                 | <br>4 046356 724746 |
| GTIN                                 | 4046356724746                                                                                           |
| Weight per Piece (excluding packing) | 54.000 g                                                                                                |
| Custom tariff number                 | 85369095                                                                                                |
| Country of origin                    | China                                                                                                   |

### Technical data

#### General

|                       |                    |
|-----------------------|--------------------|
| Number of levels      | 1                  |
| Number of connections | 2                  |
| Nominal cross section | 10 mm <sup>2</sup> |
| Color                 | black              |

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## Technical data

### General

|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| Insulating material                    | PA                                                          |
| Flammability rating according to UL 94 | V0                                                          |
| Fuse                                   | Midget / 10.3 x 38                                          |
| Rated surge voltage                    | 6 kV                                                        |
| Degree of pollution                    | 3                                                           |
| Overvoltage category                   | III                                                         |
| Insulating material group              | IIIa                                                        |
| Maximum power dissipation              | 3 W (Fuse insert)                                           |
| Connection in acc. with standard       | IEC 60269-1/-2                                              |
| Maximum load current                   | 20 A (the current and voltage are determined by the fuse)   |
| Nominal current $I_N$                  | 20 A (the current and voltage are determined by the fuse)   |
| Nominal voltage $U_N$                  | 1000 V (the current and voltage are determined by the fuse) |
| Open side panel                        | No                                                          |
| Shock protection test specification    | DIN EN 50274 (VDE 0660-514):2002-11                         |
| Back of the hand protection            | guaranteed                                                  |
| Finger protection                      | guaranteed                                                  |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 17.6 mm |
| Length           | 87 mm   |
| Height NS 35/7,5 | 63 mm   |
| Height NS 35/15  | 70.5 mm |

### Connection data

|                                                                            |                     |
|----------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                         | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 10 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible max.                                      | 10 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                           | 16                  |
| Conductor cross section AWG max.                                           | 6                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 1.5 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.    | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 10 mm <sup>2</sup>  |
| Connection method                                                          | Push-in connection  |
| Stripping length                                                           | 18 mm               |

### Standards and Regulations

|                                  |                |
|----------------------------------|----------------|
| Connection in acc. with standard | IEC 60269-1/-2 |
|----------------------------------|----------------|

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## Technical data

### Standards and Regulations

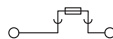
|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

### Circuit diagram



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 8.0 | 27141116 |
| eCl@ss 9.0 | 27141116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |
| ETIM 6.0 | EC000899 |

### UNSPSC

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

## Approvals

### Approvals

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Approvals

Approvals

UL Listed

Ex Approvals

### Approval details

|                                |                                                                                   |                                                                                                                                                       |               |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed                      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 353282 |
|                                |                                                                                   |                                                                                                                                                       |               |
| mm²/AWG/kcmil                  |                                                                                   | 16-6                                                                                                                                                  |               |
| Nominal current I <sub>N</sub> |                                                                                   | 32 A                                                                                                                                                  |               |
| Nominal voltage U <sub>N</sub> |                                                                                   | 1000 V                                                                                                                                                |               |

### Accessories

Accessories

Bridge

Connection pin - VS-PT 10,3-HESI 16 - 3062157



Connection pin, for combining multiple safety levers. Used with fuse carriers without spacer.

Connection pin - VS-PT 10,3-HESI 20 - 3062158



Connection pin, for combining multiple safety levers. Used with fuse carriers with spacer.

DIN rail

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

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



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

DIN rail perforated - 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

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

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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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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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

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



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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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

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



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

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

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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End cap - NS 35/15 CAP - 1206573



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

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



DIN rail, unperforated, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

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### Documentation

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology



## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

#### 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

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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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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

#### Fuse

Fuse - FUSE 10,3X38 2A PV - 3061295



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 4A PV - 3061305



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 6A PV - 3061318



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 8A PV - 3061321



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 10A PV - 3061334



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

Fuse - FUSE 10,3X38 12A PV - 3061347



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 15A PV - 3061348



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 16A PV - 3061350



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 20A PV - 3061363



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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Fuse - FUSE 10,3X38 25A PV - 3061364



Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics

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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

Fuse - FUSE 10,3X38 25A PV 900V - 3061365



Fuse, 10.3 mm x 38 mm, up to 900 V DC, gPV characteristic

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Fuse - FUSE 10,3X38 6A PV A - 3062778



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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Fuse - FUSE 10,3X38 8A PV A - 3062779



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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Fuse - FUSE 10,3X38 10A PV A - 3062780



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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Fuse - FUSE 10,3X38 12A PV A - 3062781



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

Fuse - FUSE 10,3X38 16A PV A - 3062782



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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Fuse - FUSE 10,3X38 15A PV A - 3062784



Fuse, for the photovoltaics industry according to UL 2579, Length: 38 mm, Diameter: 10.3 mm, Color: white

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Fuse - FUSE 10,3X38 25A PV A - 3062785



Fuse, for the photovoltaics industry according to UL 2579, Nominal current: 25 A, Length: 38 mm, Diameter: 10.3 mm, Color: white

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### Labeled terminal marker

Zack Marker strip, flat - ZBF 16 CUS - 0827465



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 5.15 x 16 mm

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Marker for terminal blocks - UC-TMF 16 CUS - 0824678



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm

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## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

Marker for terminal blocks - UCT-TMF 16 CUS - 0829693



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm

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### Pitch spacer

Spacer - DP-PT 10,3-HESI - 3062155



Spacer for adjacent fuse carriers, 4 should be inserted (2 should be inserted on the outer ends of the fuse terminal block)

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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

Marker card - SBS10:UNBEDRUCKT - 1007248



Marker card, Card, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, Perforated, Mounting type: Snap into tall marker groove, Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 6 x 10.1 mm

## Fuse modular terminal block - PT 10,3-HESI 1000V - 3062142

### Accessories

Zack Marker strip, flat - ZBF 16:UNPRINTED - 0827464



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, Lettering field: 16.25 x 10.5 mm

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Marker for terminal blocks - UC-TMF 16 - 0819262



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 16 - 0829218



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm