

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

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Motorenklemme, Vierstock, mit PE-Fuß, Anschlussart: Zugfederanschluss, Querschnitt: 0,08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Breite: 5,2 mm, Farbe: grau, Montageart: NS 35/7,5, NS 35/15

### Why buy this product

- ☒ Each terminal point can be labeled



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 817978 |
| Weight per Piece (excluding packing) | 21.9 g                                                                                                  |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### General

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Number of levels                        | 4                                                     |
| Number of connections                   | 7                                                     |
| Color                                   | gray                                                  |
| Insulating material                     | PA                                                    |
| Inflammability class according to UL 94 | V0                                                    |
| Maximum load current                    | 26 A (with 4 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage                     | 8 kV                                                  |
| Pollution degree                        | 3                                                     |
| Surge voltage category                  | III                                                   |
| Insulating material group               | I                                                     |
| Connection in acc. with standard        | IEC 60947-7-1 / IEC 60947-7-2                         |
| Maximum load current                    | 26 A (with 4 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub>          | 20 A                                                  |
| Nominal voltage U <sub>N</sub>          | 800 V                                                 |

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## Technical data

### General

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Maximum load current | 26 A (with 4 mm <sup>2</sup> conductor cross section) |
| Open side panel      | ja                                                    |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 98.5 mm |
| Height NS 35/7,5 | 73.5 mm |
| Height NS 35/15  | 81 mm   |

### Connection data

|                                                                                         |                                                                |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Note                                                                                    | Please observe the current carrying capacity of the DIN rails. |
| Connection in acc. with standard                                                        | IEC 60947-7-1 / IEC 60947-7-2                                  |
| Connection method                                                                       | Spring-cage connection                                         |
| Conductor cross section solid min.                                                      | 0.08 mm <sup>2</sup>                                           |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>                                              |
| Conductor cross section AWG/kcmil min.                                                  | 28                                                             |
| Conductor cross section AWG/kcmil max                                                   | 12                                                             |
| Conductor cross section stranded min.                                                   | 0.08 mm <sup>2</sup>                                           |
| Conductor cross section stranded max.                                                   | 2.5 mm <sup>2</sup>                                            |
| Min. AWG conductor cross section, stranded                                              | 28                                                             |
| Max. AWG conductor cross section, stranded                                              | 14                                                             |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup>                                           |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>                                            |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 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, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>                                            |
| Minimum stripping length                                                                | 8 mm                                                           |
| Maximum stripping length                                                                | 10 mm                                                          |
| Internal cylindrical gage                                                               | A3                                                             |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141128 |
| eCl@ss 4.1 | 27141128 |
| eCl@ss 5.0 | 27141128 |
| eCl@ss 5.1 | 27141128 |
| eCl@ss 6.0 | 27141128 |
| eCl@ss 7.0 | 27141128 |

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### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27141141 |
|------------|----------|

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

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| <div>CSA </div> |       |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                    |       | B     | C     |
| mm²/AWG/kcmil                                                                                      | 28-12 | 28-12 | 28-12 |
| Nominal current I <sub>N</sub>                                                                     | 20 A  | 20 A  |       |
| Nominal voltage U <sub>N</sub>                                                                     | 600 V | 600 V |       |

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Approvals

| UL Recognized  |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 28-12 | 28-12 |
| Nominal current I <sub>N</sub>                                                                  | 20 A  | 20 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 600 V |

| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                  | B     | C     |
| mm²/AWG/kcmil                                                                                    | 28-12 | 28-12 |
| Nominal current I <sub>N</sub>                                                                   | 20 A  | 20 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V | 600 V |

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

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

### Accessories

Accessories

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



End cover

End cover - D-ST 2,5-PE/3L - 3036673



End cover, Length: 98.5 mm, Width: 2.2 mm, Height: 73 mm, Color: gray

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Accessories

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

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### Labeled terminal marker

Warning cover - WST 2,5 - 3030941



Warning cover, 5-pos., for terminal width: 5.2 mm

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Zack Marker strip, flat - ZBF 5 CUS - 0825025



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: 5 mm, Lettering field: 5.15 x 5.15 mm

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Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

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Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Accessories

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



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: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



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: 5.2 mm, Lettering field: 4.4 x 4.7 mm

### Mounting rail

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

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Accessories

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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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

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Accessories

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

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

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



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

### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

### Terminal marking

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

## Multi-level terminal block - ST 2,5-PE/3L - 3036055

### Accessories

Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

### Test plug terminal block

Test plugs - PS-5 - 3030983



Test plugs, Color: red

Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

### Drawings

Circuit diagram

