

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.2 mm, Color: orange, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version STS 2,5-QUATTRO in gray

### Product Features

- ✓ Ground terminal blocks of the same shape are available



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Weight per Piece (excluding packing) | 8.55 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### General

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Number of levels                        | 1                                                     |
| Number of connections                   | 4                                                     |
| Color                                   | orange                                                |
| Insulating material                     | PA                                                    |
| Inflammability class according to UL 94 | V0                                                    |
| Maximum load current                    | 28 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                                                     |

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Technical data

#### General

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| Connection in acc. with standard | IEC 60947-7-1                                                                                         |
| Nominal current $I_N$            | 24 A (the maximum load current must not be exceeded by the total current of all connected conductors) |
| Nominal voltage $U_N$            | 800 V                                                                                                 |
| Open side panel                  | ja                                                                                                    |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 51 mm   |
| Height NS 35/7,5 | 43 mm   |
| Height NS 35/15  | 50.5 mm |

#### Connection data

|                                                                                         |                        |
|-----------------------------------------------------------------------------------------|------------------------|
| 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>    |
| Connection method                                                                       | Spring-cage connection |
| Stripping length                                                                        | 10 mm                  |
| Internal cylindrical gage                                                               | A3                     |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141121 |
| eCl@ss 4.1 | 27141121 |
| eCl@ss 5.0 | 27141125 |
| eCl@ss 5.1 | 27141125 |
| eCl@ss 6.0 | 27141125 |

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27141125 |
| eCl@ss 8.0 | 27141125 |

#### 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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CSA / UL Recognized / SEV / cUL Recognized / GOST / DNV / KR / CCA / GOST / CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized

#### Ex Approvals

#### ATEX / IECEx

#### Approvals submitted

### Approval details

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

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Approvals

|                    | B     | C     |
|--------------------|-------|-------|
| Nominal voltage UN | 600 V | 600 V |

| UL Recognized  |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 28-12 | 28-12 |
| Nominal current IN                                                                              | 20 A  | 20 A  |
| Nominal voltage UN                                                                              | 600 V | 600 V |

| SEV                |         |
|--------------------|---------|
|                    |         |
| mm²/AWG/kcmil      | 2.5-1.5 |
| Nominal voltage UN | 800 V   |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | C     |
| mm²/AWG/kcmil                                                                                      | 28-12 | 28-12 |
| Nominal current IN                                                                                 | 20 A  | 20 A  |
| Nominal voltage UN                                                                                 | 600 V | 600 V |

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

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

|    |
|----|
| KR |
|----|

| CCA           |     |
|---------------|-----|
|               |     |
| mm²/AWG/kcmil | 1.5 |

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Approvals

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

|                                                                                       |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                       | 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 |

|                                                                                                                           |         |
|---------------------------------------------------------------------------------------------------------------------------|---------|
| VDE Gutachten mit Fertigungsüberwachung  |         |
|                                                                                                                           |         |
| mm²/AWG/kcmil                                                                                                             | 0.2-2.5 |
| Nominal current I <sub>N</sub>                                                                                            | 24 A    |
| Nominal voltage U <sub>N</sub>                                                                                            | 800 V   |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
|                                                                                                     |       |
| mm²/AWG/kcmil                                                                                       | 2.5   |
| Nominal voltage UN                                                                                  | 800 V |

|                                                                                                                             |         |
|-----------------------------------------------------------------------------------------------------------------------------|---------|
| VDE Gutachten mit Fertigungsüberwachung  |         |
|                                                                                                                             |         |
| mm²/AWG/kcmil                                                                                                               | 0.2-2.5 |
| Nominal current I <sub>N</sub>                                                                                              | 24 A    |
| Nominal voltage U <sub>N</sub>                                                                                              | 800 V   |

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

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Accessories

Accessories

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



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### End cover

End cover - D-STs 2,5 - 3031762



End cover, Length: 51 mm, Width: 2.2 mm, Height: 43 mm, Color: gray

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### Insulating sleeve

Insulation stop sleeve - ISH 2,5/0,2 - 3002843



Insulation stop sleeve, Color: white

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Insulation stop sleeve - ISH 2,5/0,5 - 3002856



Insulation stop sleeve, Color: gray

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Accessories

Insulation stop sleeve - ISH 2,5/1,0 - 3002869



Insulation stop sleeve, Color: black

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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 - ZB 5 CUS - 0824962



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 5 CUS - 0824581



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: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Accessories

#### 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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#### 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

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#### 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

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### 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

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



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



## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Accessories

DIN rail - 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 - 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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## Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

### Accessories

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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### 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

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### Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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Marker for terminal blocks - UC-TM 5 - 0818108



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: 5.2 mm, Lettering field: 10.5 x 4.6 mm

# Feed-through terminal block - STS 2,5-QUATTRO OG - 3037575

## Accessories

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### Marker for terminal blocks - UCT-TM 5 - 0828734



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: 5.2 mm, Lettering field: 4.6 x 10.5 mm

### 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

### 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 PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

## Drawings

### Circuit diagram

