

## Feed-through terminal block - ST 2,5 RD - 3037096

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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: red, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ As well as saving space, the compact design and front connection enable user-friendly wiring in a small amount of space
- ✓ The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- ✓ The large wiring space enables the use of conductors with ferrules and plastic collars within the nominal cross section



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918599539 |

### Technical data

#### General

|                                         |     |
|-----------------------------------------|-----|
| Number of levels                        | 1   |
| Number of connections                   | 2   |
| Color                                   | red |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V0  |

#### General

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 31 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                                         |
| Nominal current I <sub>N</sub>   | 24 A (For 2.5 mm <sup>2</sup> )                       |
| Nominal voltage U <sub>N</sub>   | 800 V                                                 |
| Open side panel                  | ja                                                    |

### Dimensions

# Feed-through terminal block - ST 2,5 RD - 3037096

## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 48.5 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15  | 44 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 |
| Minimum stripping length                                                                | 8 mm                   |
| Maximum 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 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |

# Feed-through terminal block - ST 2,5 RD - 3037096

## classifications

### ETIM

|                 |          |
|-----------------|----------|
| <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

IECEX / ATEX / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized /

### Approval details

|                            |          |
|----------------------------|----------|
| <b>IECEX</b>               |          |
| Nominal voltage UN         | 550 V    |
| Nominal current IN         | 21 A     |
| mm <sup>2</sup> /AWG/kcmil | 0.08-2.5 |

|                                                                                                 |        |
|-------------------------------------------------------------------------------------------------|--------|
| <b>ATEX</b>  |        |
| Nominal voltage UN                                                                              | 550 V  |
| Nominal current IN                                                                              | 27 A   |
| mm <sup>2</sup> /AWG/kcmil                                                                      | 0.08-4 |

|                                                                                                          |          |          |
|----------------------------------------------------------------------------------------------------------|----------|----------|
| <b>UL Recognized</b>  |          |          |
| <b>Usegroups</b>                                                                                         | <b>B</b> | <b>C</b> |
| Nominal voltage UN                                                                                       | 600 V    | 600 V    |
| Nominal current IN                                                                                       | 20 A     | 20 A     |
| mm <sup>2</sup> /AWG/kcmil                                                                               | 28-12    | 28-12    |

|                                                                                                           |  |  |
|-----------------------------------------------------------------------------------------------------------|--|--|
| <b>cUL Recognized</b>  |  |  |
|-----------------------------------------------------------------------------------------------------------|--|--|

## Feed-through terminal block - ST 2,5 RD - 3037096

### approvals

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

|                                                                                               |
|-----------------------------------------------------------------------------------------------|
| <b>GOST</b>  |
|-----------------------------------------------------------------------------------------------|

|           |
|-----------|
| <b>LR</b> |
|-----------|

| GL                 |       |
|--------------------|-------|
|                    |       |
| Nominal voltage UN | 800 V |
| Nominal current IN | 24 A  |
| mm²/AWG/kcmil      | 2.5   |

|           |
|-----------|
| <b>BV</b> |
|-----------|

|            |
|------------|
| <b>DNV</b> |
|------------|

|                    |       |
|--------------------|-------|
| ABS                |       |
|                    |       |
| Nominal voltage UN | 600 V |
| Nominal current IN | 20 A  |
| mm²/AWG/kcmil      | 26-12 |

|           |
|-----------|
| <b>KR</b> |
|-----------|

|           |
|-----------|
| <b>NK</b> |
|-----------|

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

|                                                                                                                             |         |
|-----------------------------------------------------------------------------------------------------------------------------|---------|
| VDE Gutachten mit Fertigungsüberwachung  |         |
|                                                                                                                             |         |
| Nominal voltage UN                                                                                                          | 800 V   |
| Nominal current IN                                                                                                          | 24 A    |
| mm²/AWG/kcmil                                                                                                               | 0.2-2.5 |

## Feed-through terminal block - ST 2,5 RD - 3037096

### approvals

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

|                                                                                   |         |
|-----------------------------------------------------------------------------------|---------|
|  |         |
| Nominal voltage UN                                                                | 800 V   |
| Nominal current IN                                                                | 24 A    |
| mm²/AWG/kcmil                                                                     | 0.2-2.5 |

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

### accessories

#### End cover

D-ST 2,5 - 3030417



D-ST 2,5-0,8 OG - 3030511



## Feed-through terminal block - ST 2,5 RD - 3037096

accessories

DP PS-5 - 3036725



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### Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

PAI-4-FIX-5/6 YE - 3035977



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PAI-4-FIX-5/6 RD - 3035976



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PAI-4-FIX-5/6 GN - 3035978



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PAI-4-FIX-5/6 BK - 3035980



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PAI-4-FIX-5/6 GY - 3035982



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PAI-4-FIX-5/6 VT - 3035979



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

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PAI-4-FIX-5/6 BN - 3035981



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PS-5 - 3030983



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PS-5/2,3MM RD - 3038723



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### Partition plate

ATP-ST 4 - 3030721



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Labeled terminal marker

## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

WST 2,5 - 3030941



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ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



# Feed-through terminal block - ST 2,5 RD - 3037096

## accessories

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UCT-TMF 5 CUS - 0829658



## Documentation

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ST-IL - 3039900



## Bridge

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FBS 20-5 - 3030226



FBS 10-5 - 3030213



FBS 5-5 - 3030190



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

FBS 4-5 - 3030187



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FBS 3-5 - 3030174



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FBS 2-5 - 3030161



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RB ST (2,5/4)-1,5 - 3038943



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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NS 35/ 7,5 ZN PERF 2000MM - 1206421



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



## Feed-through terminal block - ST 2,5 RD - 3037096

accessories

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



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



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

NS 35/15 WH UNPERF 2000MM - 1204135



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



# Feed-through terminal block - ST 2,5 RD - 3037096

## accessories

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



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## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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ZBF 5:UNBEDRUCKT - 0808642



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



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MPS-IH BU - 0201689



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



## Feed-through terminal block - ST 2,5 RD - 3037096

### accessories

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ISH 2,5/1,0 - 3002869



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### End block

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



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E/NS 35 N - 0800886



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E/UK - 1201442



# Feed-through terminal block - ST 2,5 RD - 3037096

accessories

E/UK 1 - 1201413



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## Drawings

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