

## Data sheet

Commercial Art.No.: 56.703.9453.0

Installation terminal WKIF 2,5 N-D-SL

Installation rail terminal blocks with tension spring connection for mounting on TS 35, nominal cross section: 2.5 mm<sup>2</sup>, width: 5 mm, color: grey



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 56.703.9453.0 |
| EAN                | 4015573564473 |
| Order Unit         | 50            |

Certificates / Approvals



## Technical data

### General

|                                                            |                                   |
|------------------------------------------------------------|-----------------------------------|
| Nominal cross section                                      | 2.5 mm <sup>2</sup>               |
| Basic color                                                | Grey                              |
| Number of levels                                           | 3                                 |
| Number of clamp positions per level                        | 2                                 |
| Width/grid dimension                                       | 5 mm                              |
| Insulating housing                                         | PA666                             |
| Inflammability class of insulation material acc. with UL94 | V0                                |
| Mounting method                                            | DIN rail (top hat rail) 35/7.5 mm |
| Terminal blocks for electrical installations               | yes                               |

### Technical data

|                             |               |
|-----------------------------|---------------|
| Rated current               | 24 A          |
| Rated voltage               | 400 V         |
| Rated impulse voltage       | 4 kV          |
| Pollution degree            | 3             |
| Closing plate required      | yes           |
| Type of insulation material | Thermoplastic |
| Length                      | 95 mm         |

### Connection Data

|                                     |                         |
|-------------------------------------|-------------------------|
| Connection type 1                   | spring clamp connection |
| Connection type 2                   | spring clamp connection |
| Minimum cross section solid         | 0.14 mm <sup>2</sup>    |
| Maximum cross section solid         | 4 mm <sup>2</sup>       |
| Minimum cross section fine stranded | 0.14 mm <sup>2</sup>    |
| Maximum cross section fine stranded | 2.5 mm <sup>2</sup>     |
| Wire strip length                   | 11 mm                   |

### Technical Data UL/CSA

|                        |           |
|------------------------|-----------|
| Cross section UL       | 22-12 AWG |
| Current factory wiring | 20 A      |
| Current field wiring   | 20 A      |
| Cross section CSA      | 22-14 AWG |
| Voltage CSA            | 300 V     |
| Current CSA            | 20 A      |

#### Note

|                         |           |
|-------------------------|-----------|
| Remark to rated voltage | 400V/250V |
| N-function              | yes       |

#### Classification

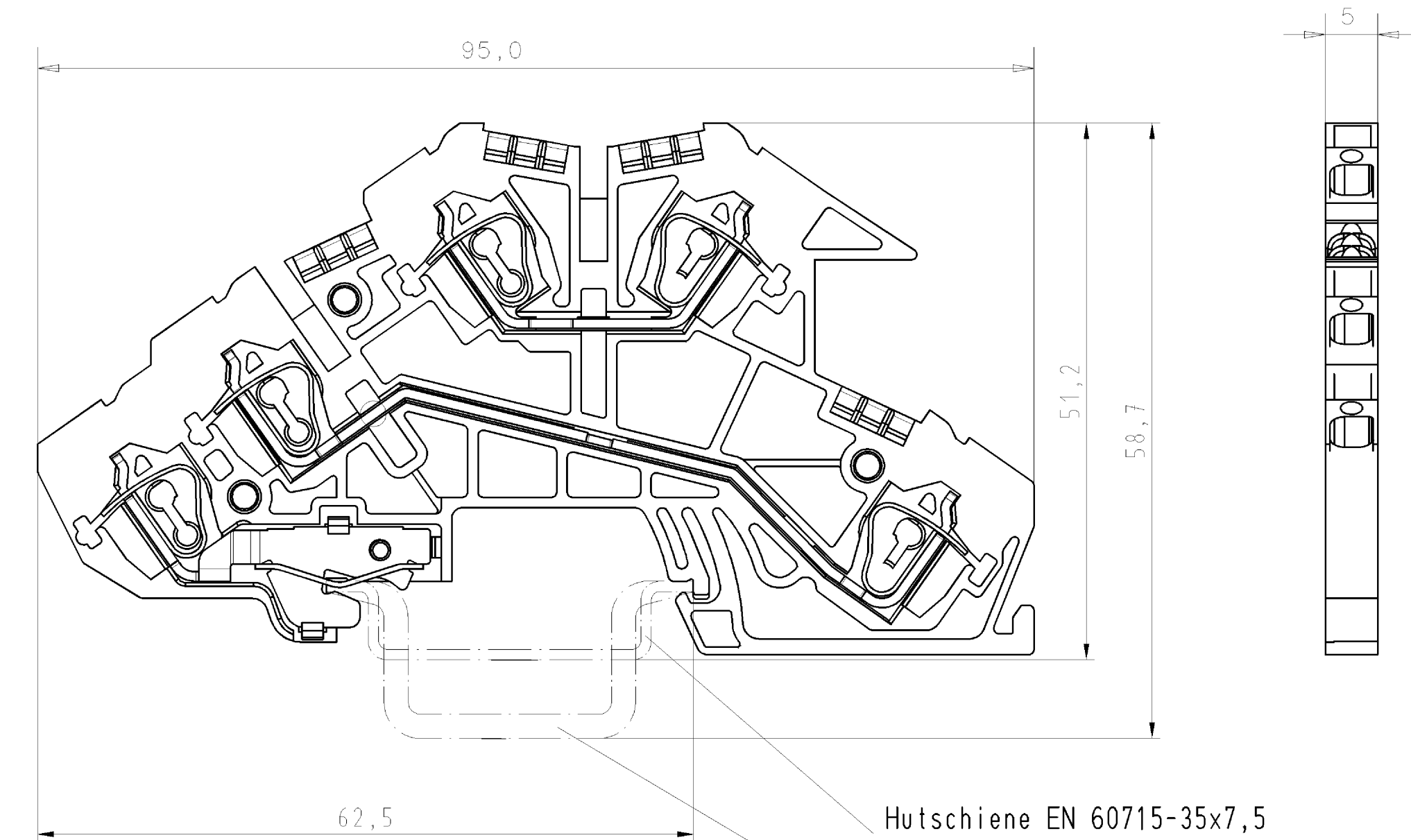
|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27141125 |
| ETIM 7.0   | EC001329 |
| ETIM 6.0   | EC001329 |
| ETIM 5.0   | EC001329 |
| ETIM 4.0   | EC001329 |
| ETIM 3.0   | EC001329 |

#### Accessories

| Commercial Art.No.: | Article-type description:                        | Description:                                                                                               |
|---------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Z7.280.6227.0       | Jumper bar IVBWKF 2,5- 2                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 2 - pole                              |
| Z7.280.6327.0       | Jumper bar IVBWKF 2,5- 3                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 3 - pole                              |
| Z7.280.6427.0       | Jumper bar IVBWKF 2,5- 4                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 4 - pole                              |
| Z7.280.6527.0       | Jumper bar IVBWKF 2,5- 5                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 5 - pole                              |
| Z7.280.6627.0       | Jumper bar IVBWKF 2,5- 6                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 6 - pole                              |
| Z7.280.6727.0       | Jumper bar IVBWKF 2,5- 7                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 7 - pole                              |
| Z7.280.6827.0       | Jumper bar IVBWKF 2,5- 8                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 8 - pole                              |
| Z7.280.6927.0       | Jumper bar IVBWKF 2,5- 9                         | Cross connector, insulated for DIN rail terminal blocks type WKF..., 9 - pole                              |
| Z7.280.7027.0       | Jumper bar IVBWKF 2,5- 10                        | Cross connector, insulated for DIN rail terminal blocks type WKF..., 10 - pole                             |
| 98.300.0000.0       | Mounting rail TS 35x7,5 UNPERF - l:2000mm        | Mounting rail TS 35, unslotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated |
| 98.300.1000.0       | Mounting rail TS 35x7,5 PERF 15mm - l:2000mm     | Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated   |
| 98.300.1900.0       | Mounting rail TS 35x7,5 PERF 25mm - l:2000mm     | Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated   |
| 98.360.0000.0       | Mounting rail TS 35x15-2,3 UNPERF - l:2000mm     | Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated  |
| 98.360.0004.0       | Mounting rail TS 35x15-2,3 UNPERF FZN - l:2000mm | Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel, hot galvanized                     |

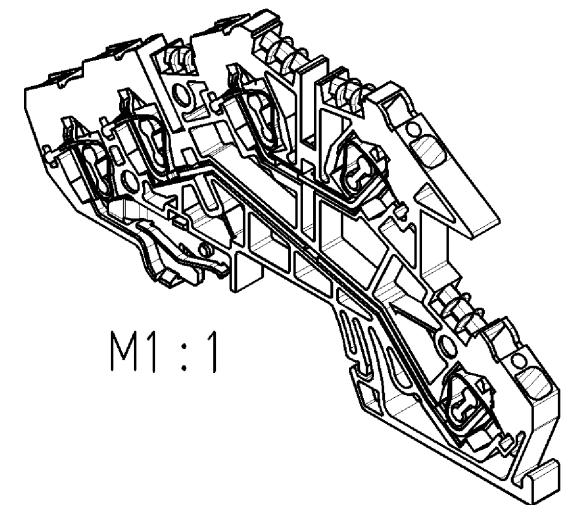
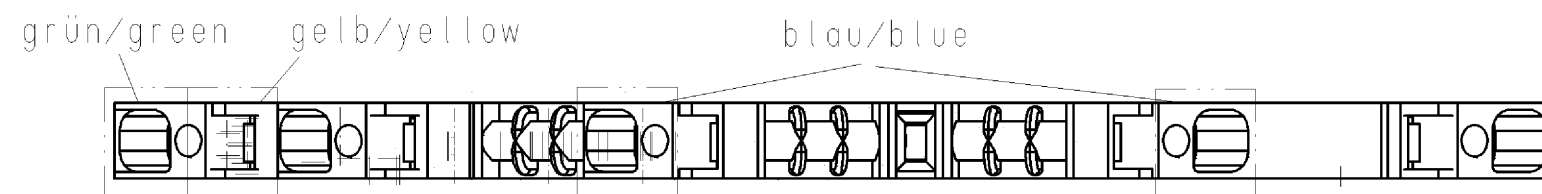
|               |                                                 |                                                                                                                                                    |
|---------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 98.370.0000.0 | Mounting rail TS 35x15 UNPERF - l:2000mm        | Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated                                          |
| 98.370.1000.0 | Mounting rail TS 35x15 PERF 15mm - l:2000mm     | Mounting rail TS 35, slotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated                                            |
| 98.380.0000.0 | Mounting rail TS 35x15-2,3 UNPERF CU - l:2000mm | Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material E copper                                                                          |
| 07.311.8353.0 | End plate APIF 2,5                              | End plate for DIN rail terminal blocks type WKIF 2,5..., color: grey                                                                               |
| Z7.280.7127.0 | Jumper bar IVBWKF 2,5- 11                       | Cross connector, insulated for DIN rail terminal blocks type WKF..., 11 - pole                                                                     |
| Z7.280.7227.0 | Jumper bar IVBWKF 2,5- 12                       | Cross connector, insulated for DIN rail terminal blocks type WKF..., 12 - pole                                                                     |
| Z7.280.8027.0 | Jumper bar IVBWKF 2,5- 20                       | Cross connector, insulated for DIN rail terminal blocks type WKF..., 20 - pole                                                                     |
| 98.300.1800.0 | Mounting rail TS 35x7,5 PERF 18mm - l:2000mm    | Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and dichromated                                           |
| 04.242.5053.0 | Marking tag strips 9705 A / 5 / 10              | Marking tag strips for DIN rail terminal blocks type 9700 A / 5..., 10 tags per strip, color: blue, unmarked, markable with Wieplot plotter-system |

○ Diese Maße werden bei Abnahme besonders geprüft  
□ Ausschließliche Prüfmaße  
Mit AE gekennzeichnete Maße sind nur für interne Zwecke gültig



Hutschiene EN 60715-35x7,5  
mounting rail EN 60715-35x7,5

Hutschiene EN 60715-35x15  
mounting rail EN 60715-35x15



Weitere Daten siehe Katalog  
further data see catalog

|                     |               |                                                                                       |                                                   |                                             |                    |        |                                                                   |                 |  |                   |  |        |  |       |  |       |
|---------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------|--------------------|--------|-------------------------------------------------------------------|-----------------|--|-------------------|--|--------|--|-------|--|-------|
| Freitoleranz nach - |               |                                                                                       |                                                   | CAD - Zeichnung, keine manuellen Änderungen |                    |        |                                                                   | 1.Verwendung: - |  |                   |  | Bl.: 1 |  | von 1 |  |       |
|                     | /             | Maßstab<br><br>2:1                                                                    | Werkstoff und Oberfläche:                         |                                             | 2003               | Tag    | Name                                                              |                 |  | Zeichnung Nr.     |  |        |  |       |  | Index |
|                     | /             |                                                                                       |                                                   |                                             | Entworfen          | 13.05. | Schmitt J.                                                        |                 |  | 56.703.9453.0 01K |  |        |  |       |  |       |
|                     | /             |                                                                                       |                                                   |                                             | Geprüft            | -      | -                                                                 |                 |  |                   |  |        |  |       |  |       |
|                     | /             |                                                                                       |                                                   |                                             | Vol.               | mm²    | Off.                                                              | mm²             |  |                   |  |        |  |       |  |       |
|                     | /             |  | <b>wieland</b><br><br>Elektrische<br>Verbindungen |                                             | WKIF 2,5<br>N-D-SL |        | Benennung<br><br>INSTALLATIONSKLEMME<br><br>installation terminal |                 |  |                   |  |        |  |       |  |       |
|                     | /             |                                                                                       |                                                   |                                             |                    |        |                                                                   |                 |  |                   |  |        |  |       |  |       |
| Buchstabe           | Datum / Blatt |                                                                                       |                                                   |                                             |                    |        |                                                                   |                 |  |                   |  |        |  |       |  |       |
| Änderung            |               |                                                                                       |                                                   |                                             |                    |        |                                                                   |                 |  |                   |  |        |  |       |  |       |

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