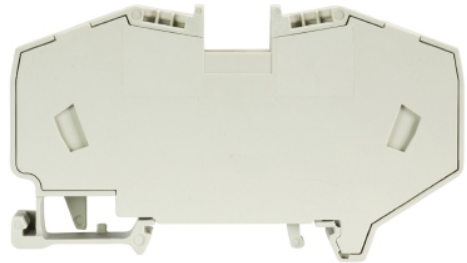


## Data sheet

Commercial Art.No.: 56.716.0053.0

Feed-through terminal WKF 16/35

Feed-through terminal with tension spring connection for mounting on TS35, nominal cross section: 16 mm<sup>2</sup>, width: 12 mm, color: grey



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 56.716.0053.0 |
| EAN                | 4015573501652 |
| Order Unit         | 50            |

Certificates / Approvals



CAN-Ex



ATEX



## Technical data

### General

|                                                            |                                   |
|------------------------------------------------------------|-----------------------------------|
| Nominal cross section                                      | 16 mm <sup>2</sup>                |
| Color                                                      | Grey                              |
| Number of levels                                           | 1                                 |
| Number of clamp positions per level                        | 2                                 |
| Width/grid dimension                                       | 12 mm                             |
| Insulating housing                                         | PA666                             |
| Inflammability class of insulation material acc. with UL94 | V0                                |
| Explosion-tested version "Ex e"                            | yes                               |
| Mounting method                                            | DIN rail (top hat rail) 35/7.5 mm |
| Terminal blocks for electrical installations               | yes                               |

### Technical data

|                             |               |
|-----------------------------|---------------|
| Rated current               | 76 A          |
| Rated voltage               | 800 V         |
| Rated impulse voltage       | 8 kV          |
| Pollution degree            | 3             |
| Closing plate required      | No            |
| Type of insulation material | Thermoplastic |
| Length                      | 82 mm         |

### Connection Data

|                                     |                         |
|-------------------------------------|-------------------------|
| Connection type 1                   | spring clamp connection |
| Connection type 2                   | spring clamp connection |
| Minimum cross section solid         | 4 mm <sup>2</sup>       |
| Maximum cross section solid         | 10 mm <sup>2</sup>      |
| Minimum cross section fine stranded | 4 mm <sup>2</sup>       |
| Maximum cross section fine stranded | 16 mm <sup>2</sup>      |
| Minimum cross section stranded      | 16 mm <sup>2</sup>      |

|                                |                    |
|--------------------------------|--------------------|
| Maximum cross section stranded | 16 mm <sup>2</sup> |
| Wire strip length              | 15 mm              |

#### Technical Data UL/CSA

|                        |          |
|------------------------|----------|
| Cross section UL       | 24-4 AWG |
| Voltage UL             | 600 V    |
| Current factory wiring | 75 A     |
| Current field wiring   | 75 A     |
| Cross section CSA      | 12-4 AWG |
| Voltage CSA            | 600 V    |
| Current CSA            | 78 A     |

#### Classification

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27141120 |
| ETIM 7.0   | EC000897 |
| ETIM 6.0   | EC000897 |
| ETIM 5.0   | EC000897 |
| ETIM 4.0   | EC000897 |
| ETIM 3.0   | EC000897 |

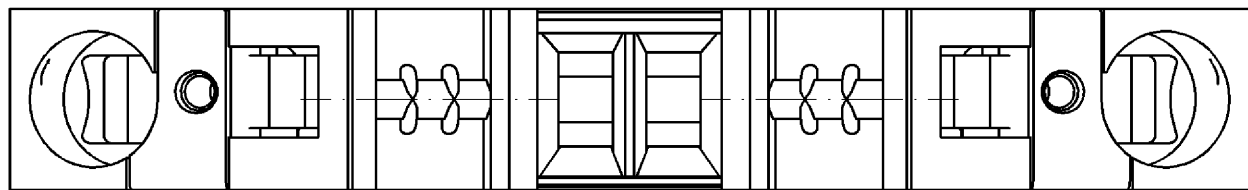
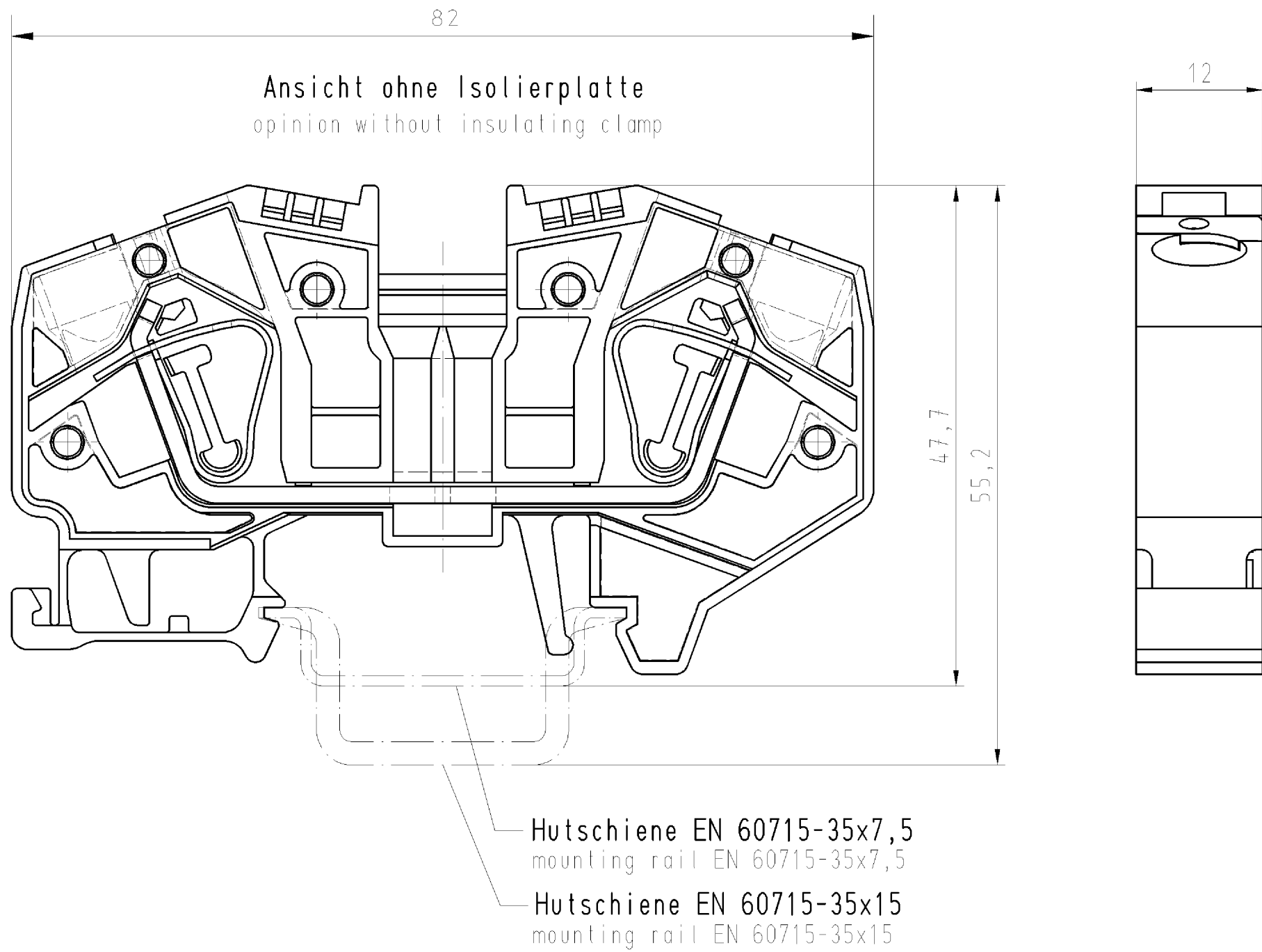
#### Product compliance

|                              |           |
|------------------------------|-----------|
| ROHS conformity status       | Compliant |
| REACH-SVHC conformity status | Compliant |

## Accessories

| Commercial Art.No.: | Article-type description:                        | Description:                                                                                               |
|---------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Z7.284.4227.0       | Jumper bar IVBWKF 16- 2                          | Cross connector, insulated for DIN rail terminal blocks type WKF..., 2 - 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                                  |
| 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   |

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



Weitere Daten siehe Katalog  
further data see catalog

| Teile.- Nr.<br>part-nr. | Farbe<br>colour | Typ<br>type                      | Freitoleranz nach DIN |               | CAD - Zeichnung, keine manuellen Änderungen |                                                                                                                                         |  | 1.Verwendung: - |        | Bl.: 1 von 1 |               |                   |       |
|-------------------------|-----------------|----------------------------------|-----------------------|---------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------|--------------|---------------|-------------------|-------|
|                         |                 |                                  |                       | /             | Maßstab                                     | Werkstoff und Oberfläche:                                                                                                               |  | 2002            | Tag    | Name         |               | Zeichnung Nr.     | Index |
| 56.716.0053.0           | grau<br>grey    | WKF 16/35                        |                       | /             | 1:1                                         |  <b>wieland</b><br><br>Elektrische<br>Verbindungen |  | Entworfen       | 13.11. | Schneiderb.  | T             | 56.716.0053.0 01K |       |
|                         |                 |                                  | Geprüft               | -             |                                             |                                                                                                                                         |  | -               |        |              |               |                   |       |
|                         |                 |                                  |                       | /             |                                             |                                                                                                                                         |  | Normgepr.       | -      | -            | Ersatz für: - |                   |       |
|                         |                 |                                  |                       | /             |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |
| 56.716.0053.6           | blau<br>blue    | WKF 16/35 BLAU<br>WKF 16/35 blue |                       | /             |                                             | <div>Benennung</div> <div>DURCHGANGSKLEMME</div> <div>terminal (screwless)<br/>schraubenlos</div>                                       |  |                 |        |              |               |                   |       |
|                         |                 |                                  |                       | /             |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |
|                         |                 |                                  |                       | /             |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |
|                         |                 |                                  |                       | /             |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |
|                         |                 |                                  | Buchstabe             | Datum / Blatt |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |
|                         |                 |                                  | Änderung              |               |                                             |                                                                                                                                         |  |                 |        |              |               |                   |       |