

Data sheet

Commercial Art.No.: 56.704.8453.0

Motor connection block WKF 4 3D/SL/35

Motor connection block with tension spring connection for mounting on TS 35, nominal cross section: 4 mm², width: 6 mm, color: grey



| | |
|--------------------|---------------|
| Commercial Art.No. | 56.704.8453.0 |
| EAN | 4015573757820 |
| Order Unit | 50 |

Certificates / Approvals



Technical data

General

| | |
|--|-----------------------------------|
| Nominal cross section | 4 mm ² |
| Color | Grey |
| Number of levels | 4 |
| Number of clamp positions per level | 2 |
| Width/grid dimension | 6 mm |
| Insulating housing | PA666 |
| Inflammability class of insulation material acc. with UL94 | V0 |
| Explosion-tested version "Ex e" | No |
| Mounting method | DIN rail (top hat rail) 35/7.5 mm |
| Terminal blocks for electrical installations | No |

Technical data

| | |
|-----------------------------|---------------|
| Rated current | 28 A |
| Rated voltage | 800 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Closing plate required | No |
| Type of insulation material | Thermoplastic |
| Length | 100 mm |
| Width | 6 mm |
| Height | 84 mm |

Connection Data

| | |
|-------------------|-------------------------|
| Connection type 1 | spring clamp connection |
|-------------------|-------------------------|

| | |
|-------------------------------------|-------------------------|
| Connection type 2 | spring clamp connection |
| Minimum cross section solid | 0.13 mm ² |
| Maximum cross section solid | 6 mm ² |
| Minimum cross section fine stranded | 0.13 mm ² |
| Maximum cross section fine stranded | 4 mm ² |
| Wire strip length | 10 mm |

Technical Data UL/CSA

| | |
|------------------------|-----------|
| Cross section UL | 28-10 AWG |
| Voltage UL | 600 V |
| Current factory wiring | 30 A |
| Current field wiring | 30 A |
| Cross section CSA | 28-10 AWG |
| Voltage CSA | 600 V |
| Current CSA | 30 A |

Classification

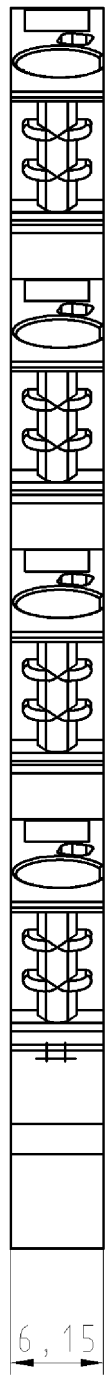
| | |
|------------|----------|
| ECLASS 11 | |
| ECLASS 8.1 | 27141120 |
| ETIM 7.0 | EC000897 |
| ETIM 6.0 | EC000897 |
| ETIM 5.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 3.0 | EC000897 |

Product compliance

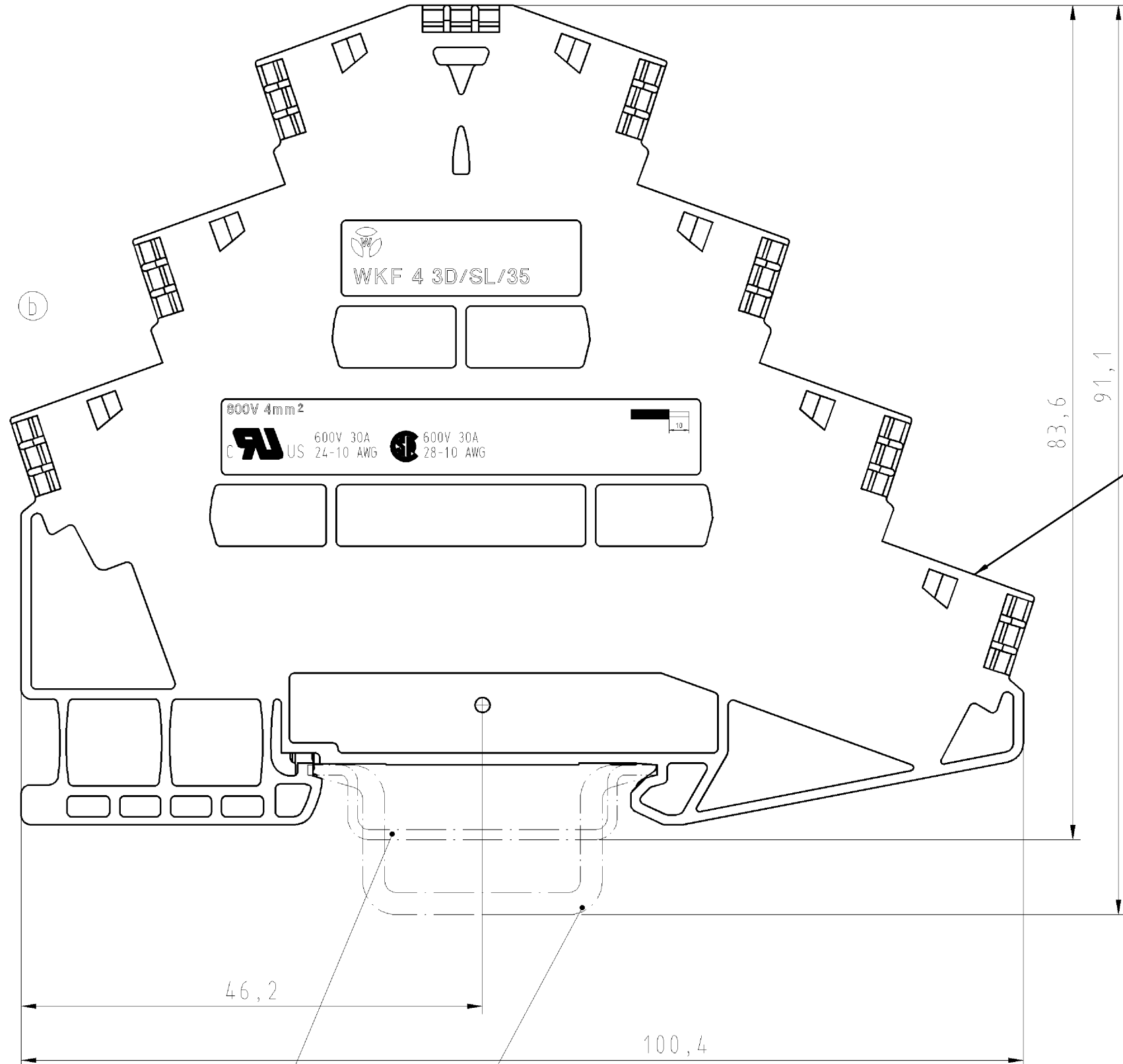
| | |
|------------------------------|-----------|
| ROHS conformity status | Compliant |
| REACH-SVHC conformity status | Compliant |

Accessories

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|--|--|
| 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 |



6,15



Tragschiene EN 60715 - 35 x 7.5
mounting rail EN 60715 - 35 x 7.5

Tragschiene EN 60715 - 35 x 15
mounting rail EN 60715 - 35 x 15

800V 4mm²

 600V 30A 24-10 AWG 600V 30A 28-10 AWG

WKF 4 3D/SL/35

Fläche grün/gelb markiert
area green/yellow marked

Technische Daten
Technical Data

| | VDE | UL | CSA |
|--|-----|-----|-----|
| Bemessungsspannung V rated voltage | 800 | 600 | - |
| Bemessungsstrom A rated current | 28 | 20 | - |
| Anschlußbereich max. mm ² /AWG connection range | 6 | 12 | - |
| Bemessungsquerschnitt 4mm ² rated cross-section 4mm ² | | | |
| Brennbarkeitsklasse UL 94 V-0 flamability rating UL 94 V-0 | | | |
| Verschmutzungsgrad 3/Überspannungskategorie III pollution degree 3/overvoltage category III | | | |

*=32 A bei 6mm² starr

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
 (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.
 Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

| | | | |
|---|---|--|--|
| Freitoleranz nach General tolerance | CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed | 1. Verwendung: First Use: | Blatt: 1 von 1 Sheet: of 1 |
| | Werkstoff/Material PA 6.6 | 2004 Tag/Date gezeichnet/drawn 26.Feb. Name Postler F. | Zeichnung Nr./Drawing No. 56.704.8453.0 01K b |
| | Maßstab/Scale 5:1 | geprüft/checked Nicht gepr./Stand. check | |
| | Vol. mm ³ Öl./Surf. mm ² | Ersatz für/Replacement for: - | Maße in mm/Dimensions are in mm |
| b 21.11.2005/ a 09.06.2004/ Index Datum / Blatt Date / Sheet | wieland Elektrische Verbindungen | Type Typ WKF 4 3D/SL/35 | Benennung/Title MOTORANSCHLUSSKLEMME motor connecting terminal Federkraftanschluß/spring clamp connection 800V 4mm |
| Änderung/Revision | | | |

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