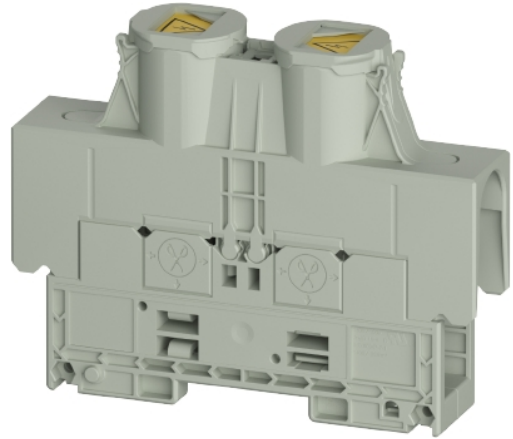


## Data sheet

Commercial Art.No.: 5D.S35.1655.0

high current terminal WRTN 35 U

high current terminal WRTN 35 U rated voltage 1500 V, rated current 125 A, bolt connection, number of levels 1, number of clamp positions per level 2, nominal cross section 35 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 2,5mm<sup>2</sup> - 35mm<sup>2</sup>, mounting method DIN rail (top hat rail), color grey, width/grid dimension 27 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.S35.1655.0 |
| EAN                | 4049088725548 |
| Order Unit         | 5             |

certificates / approvals



## Technical data

### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 35 mm <sup>2</sup>      |
| color                                                      | grey                    |
| number of levels                                           | 1                       |
| number of clamp positions per level                        | 2                       |
| width/grid dimension                                       | 27 mm                   |
| insulating housing                                         | PA                      |
| inflammability class of insulation material acc. with UL94 | V0                      |
| mounting method                                            | DIN rail (top hat rail) |

### technical data

|                             |               |
|-----------------------------|---------------|
| rated current               | 125 A         |
| rated voltage               | 1000 V        |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | no            |
| type of insulation material | thermoplastic |
| length                      | 126.8 mm      |
| width                       | 30.8 mm       |

### connection data

|                             |                     |
|-----------------------------|---------------------|
| connection type             | bolt connection     |
| connection type 1           | screw connection    |
| minimum cross section solid | 2.5 mm <sup>2</sup> |
| maximum cross section solid | 35 mm <sup>2</sup>  |

|                                     |                     |
|-------------------------------------|---------------------|
| minimum cross section fine stranded | 2.5 mm <sup>2</sup> |
| maximum cross section fine stranded | 35 mm <sup>2</sup>  |
| torque conductor mounting           | 5 Nm                |

#### technical data UL/CSA

|                        |          |
|------------------------|----------|
| cross section UL       | 14-1 AWG |
| voltage UL             | 1500 V   |
| current factory wiring | 130 A    |
| current field wiring   | 130 A    |
| cross section CSA      | 14-1 AWG |
| voltage CSA            |          |
| current CSA            | 130 A    |

#### classification

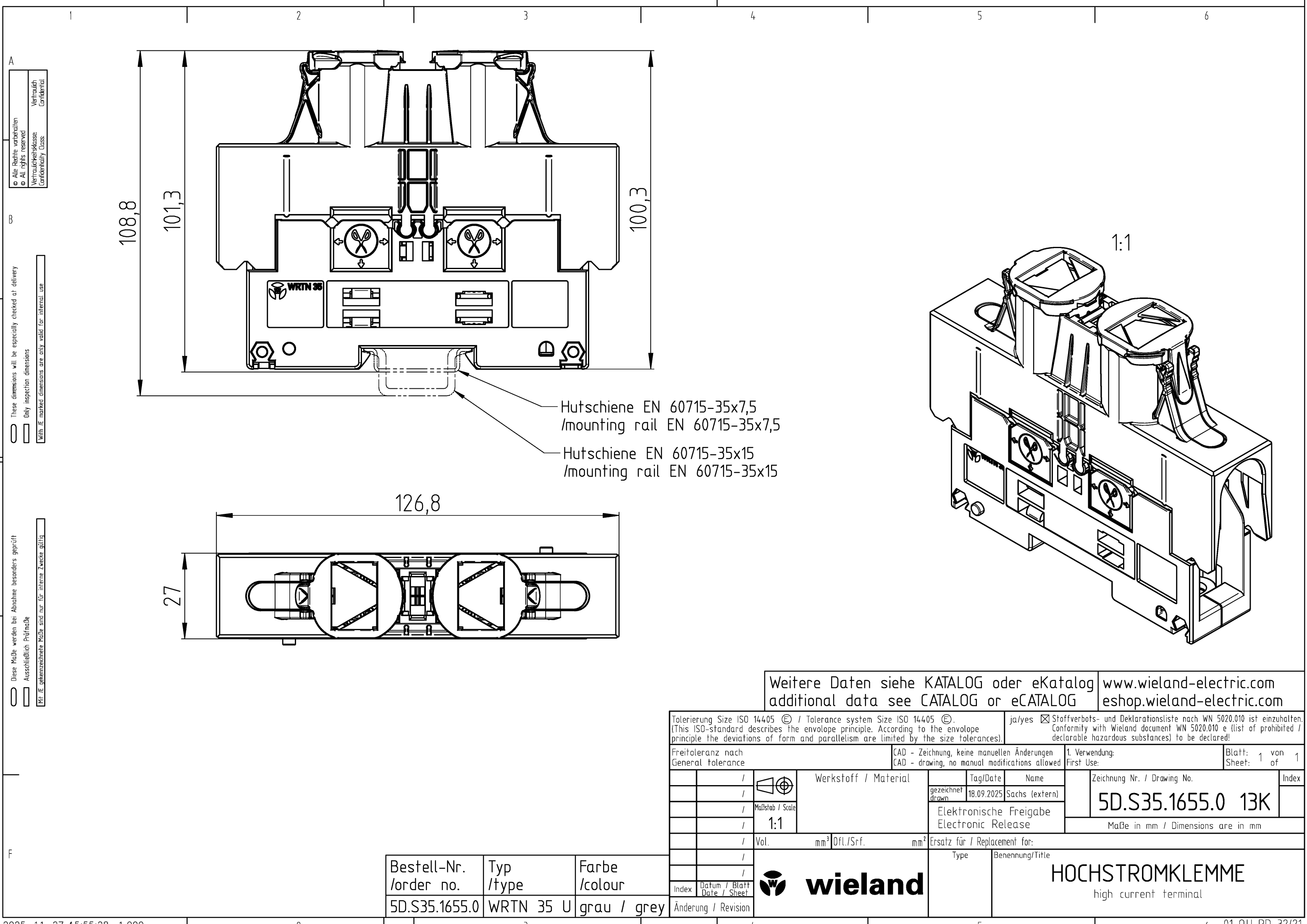
|          |          |
|----------|----------|
| ETIM 9.0 | EC000897 |
|----------|----------|

#### product compliance

|                              |           |
|------------------------------|-----------|
| REACH-SVHC conformity status | compliant |
|------------------------------|-----------|

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                                                                                                                                                         |
|---------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0D.S25.3227.0       | jumper bar VB WRTN 25-2   | jumper bar VB WRTN 25-2 modular spacing 27 mm, insulated no, number of poles 2, color grey, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S25.3327.0       | jumper bar VB WRTN 25-3   | jumper bar VB WRTN 25-3 modular spacing 27 mm, insulated no, number of poles 3, color grey, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.202.7281.0       | marking strips WML 9.8/60 | marking strips WML 9.8/60 color white                                                                                                                                                |
| 0D.210.7056.0       | marking plate WMP 10-10   | marking plate WMP 10-10 modular spacing 10 mm, color white                                                                                                                           |



A  
Alle Rechte vorbehalten  
All rights reserved  
Vertraulichkeitsklasse  
Confidentiality Class  
Vertraulich  
Confidential

B  
These dimensions will be especially checked at delivery  
Only inspection dimensions  
With /E marked dimensions are only valid for internal use

C  
Diese Maße werden bei Abnahme besonders geprüft  
Ausschließlich Prüfmaße  
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

F

Weitere Daten siehe KATALOG oder eKatalog  
additional data see CATALOG or eCATALOG  
[www.wieland-electric.com](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://eshop.wieland-electric.com)

|                                                                                                                                                                                                                                           |  |                               |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  |                     |  |                                              |                                                                            |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|------------------------------------------------------------------------------------------------------|--|----------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------|--|---------------------|--|----------------------------------------------|----------------------------------------------------------------------------|------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|---------------------------------|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
| Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 ©.<br>(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). |  |                               |  |                                                                                                      |  |                      |  |  |  | ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.<br>Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared! |  |  |  |      |  |                     |  |                                              |                                                                            |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Freitoleranz nach<br>General tolerance                                                                                                                                                                                                    |  |                               |  |                                                                                                      |  |                      |  |  |  | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed                                                                                                                                             |  |  |  |      |  |                     |  |                                              |                                                                            | 1. Verwendung:<br>First Use: |  |  |  |  |  |  |  |                                   |  | Blatt: 1 von 1<br>Sheet: 1 of 1 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |                 |  | Werkstoff / Material |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  |                     |  | Tag/Date                                     |                                                                            | Name                         |  |  |  |  |  |  |  |                                   |  | Zeichnung Nr. / Drawing No.     |  |  |  |  |  |  |  |  |  | Index |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  | gezeichnet<br>drawn |  | 18.09.2025                                   |                                                                            | Sachs (extern)               |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  | Maßstab / Scale     |  | Elektronische Freigabe<br>Electronic Release |                                                                            |                              |  |  |  |  |  |  |  | 5D.S35.1655.0 13K                 |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  | 1:1                 |  |                                              |                                                                            |                              |  |  |  |  |  |  |  | Maße in mm / Dimensions are in mm |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  | Vol.                                                                                                 |  | mm³                  |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  | Dfl./Srf.           |  | mm²                                          |                                                                            |                              |  |  |  |  |  |  |  | Ersatz für / Replacement for:     |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |  <b>wieland</b> |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  | Type |  |                     |  |                                              | Benennung/Title<br><br><b>HOCHSTROMKLEMME</b><br><br>high current terminal |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                           |  | /                             |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  |                     |  |                                              |                                                                            |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Index                                                                                                                                                                                                                                     |  | Datum / Blatt<br>Date / Sheet |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  |                     |  |                                              |                                                                            |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Änderung / Revision                                                                                                                                                                                                                       |  |                               |  |                                                                                                      |  |                      |  |  |  |                                                                                                                                                                                                                                           |  |  |  |      |  |                     |  |                                              |                                                                            |                              |  |  |  |  |  |  |  |                                   |  |                                 |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|                           |              |                  |
|---------------------------|--------------|------------------|
| Bestell-Nr.<br>/order no. | Typ<br>/type | Farbe<br>/colour |
| 5D.S35.1655.0             | WRTN 35 U    | grau / grey      |