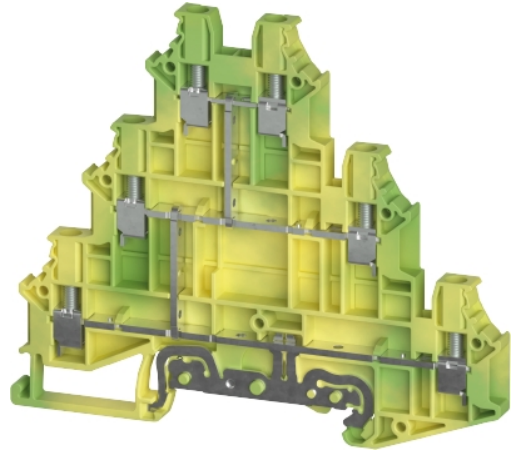


## Data sheet

Commercial Art.No.: 5D.S03.9855.0

earth terminal WTN 2.5 E3 PE

earth terminal WTN 2.5 E3 PE rated voltage 1000 V, screw connection, number of levels 3, number of clamp positions per level 2, nominal cross section 2.5 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 0,34mm<sup>2</sup> - 2,5mm<sup>2</sup>, mounting method DIN rail (top hat rail), color green/yellow, width/grid dimension 5.1 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.S03.9855.0 |
| EAN                | 4049088724893 |
| Order Unit         | 20            |

certificates / approvals



## Technical data

### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 2.5 mm <sup>2</sup>     |
| color                                                      | green/yellow            |
| number of levels                                           | 3                       |
| number of clamp positions per level                        | 2                       |
| width/grid dimension                                       | 5.1 mm                  |
| insulating housing                                         | PA                      |
| inflammability class of insulation material acc. with UL94 | V0                      |
| mounting method                                            | DIN rail (top hat rail) |

### technical data

|                             |               |
|-----------------------------|---------------|
| rated voltage               | 1000 V        |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | yes           |
| type of insulation material | thermoplastic |
| length                      | 90.7 mm       |
| width                       | 5.1 mm        |

### connection data

|                             |                      |
|-----------------------------|----------------------|
| connection type             | screw connection     |
| connection type 1           | screw connection     |
| minimum cross section solid | 0.34 mm <sup>2</sup> |
| maximum cross section solid | 4 mm <sup>2</sup>    |

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| minimum cross section fine stranded                                     | 0.34 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 2.5 mm <sup>2</sup>  |
| minumum conductor cross section (flex., stranded) with cable end sleeve | 0.25 mm <sup>2</sup> |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 2.5 mm <sup>2</sup>  |
| wire strip length                                                       | 10 mm                |
| torque conductor mounting                                               | 0.4 Nm               |

#### technical data UL/CSA

|                   |           |
|-------------------|-----------|
| cross section UL  | 22-12 AWG |
| voltage UL        | 600 V     |
| cross section CSA | 22-12 AWG |
| voltage CSA       | 600 V     |

#### classification

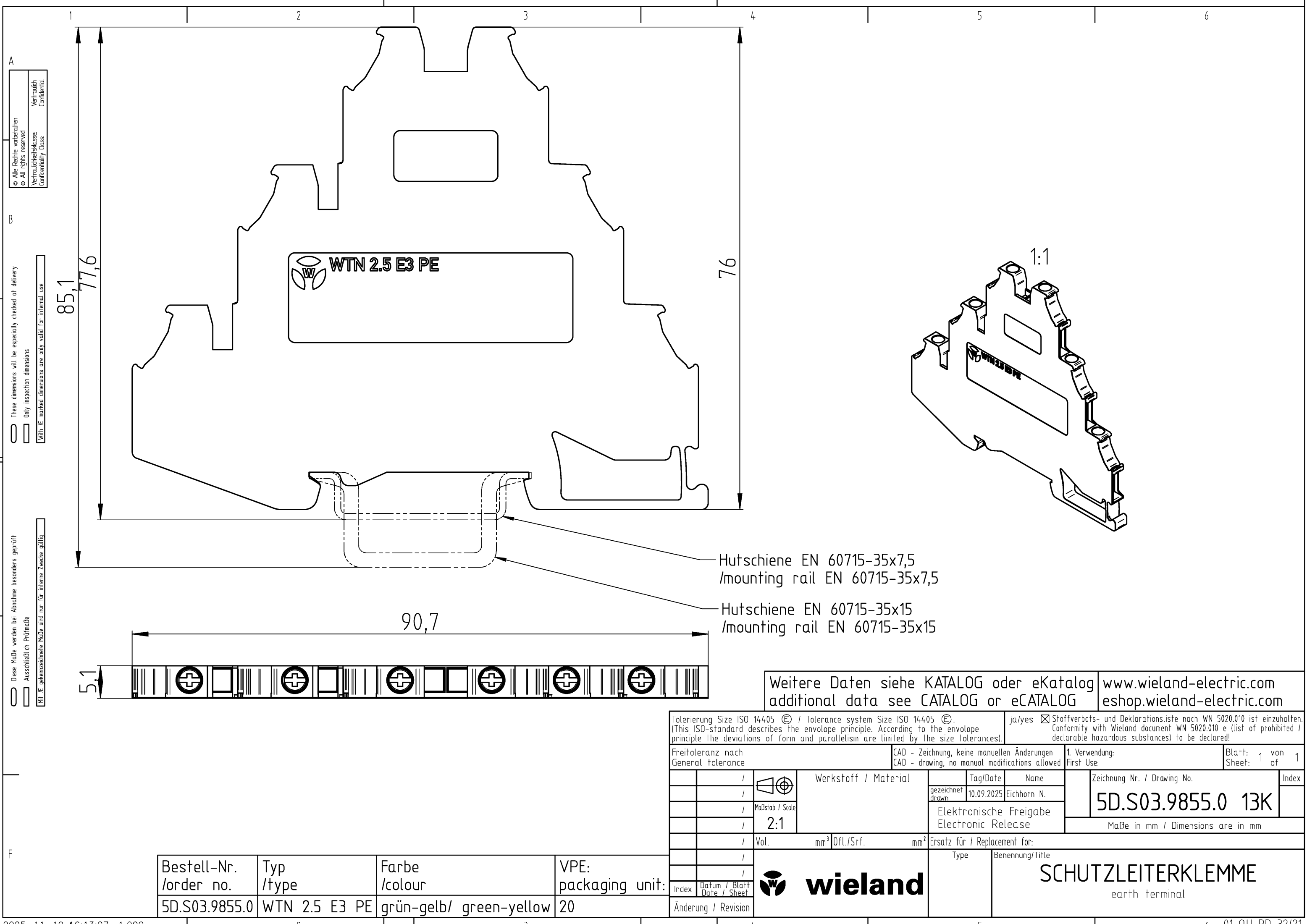
|          |          |
|----------|----------|
| ETIM 9.0 | EC000901 |
|----------|----------|

#### product compliance

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

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                                  |
|---------------------|---------------------------|---------------------------------------------------------------|
| 0D.S03.5955.5       | test plug PS 2.5 WTN      | test plug PS 2.5 WTN color red                                |
| 0D.S03.6955.9       | lever LVWTN 2.5/4         | lever LVWTN 2.5/4 color orange                                |
| 0D.S04.1055.9       | partition TW 001 WTN      |                                                               |
| 0D.202.7281.0       | marking strips WML 9.8/60 | marking strips WML 9.8/60 color white                         |
| 0D.203.7056.0       | marking plate WMP 5,10-10 | marking plate WMP 5,10-10 modular spacing 5.1 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:<br>Sheet: 1 von 1<br>of 1 |                                   |  |       |  |
|                                                                                                                                                                                                                                           |  | Werkstoff / Material          |                                                                                               | Tag/Date                                                                                                                                                                                                                                  |                              | Name                          |                                  | Zeichnung Nr. / Drawing No.       |  | Index |  |
|                                                                                                                                                                                                                                           |  |                               |                                                                                               | gezeichnet<br>drawn 10.09.2025                                                                                                                                                                                                            |                              | Eichhorn N.                   |                                  |                                   |  |       |  |
|                                                                                                                                                                                                                                           |  | Maßstab / Scale               |                                                                                               | Elektronische Freigabe<br>Electronic Release                                                                                                                                                                                              |                              |                               |                                  | Maße in mm / Dimensions are in mm |  |       |  |
|                                                                                                                                                                                                                                           |  | 2:1                           |                                                                                               |                                                                                                                                                                                                                                           |                              |                               |                                  |                                   |  |       |  |
|                                                                                                                                                                                                                                           |  | Vol. mm³                      |                                                                                               | Dfl./Srf. mm²                                                                                                                                                                                                                             |                              | Ersatz für / Replacement for: |                                  |                                   |  |       |  |
|                                                                                                                                                                                                                                           |  |                               |                                                                                               |                                                                                                                                                                                                                                           |                              | Type                          |                                  | Benennung/Title                   |  |       |  |
|                                                                                                                                                                                                                                           |  |                               |                                                                                               |                                                                                                                                                                                                                                           |                              |                               |                                  | SCHUTZLEITERKLEMME                |  |       |  |
|                                                                                                                                                                                                                                           |  |                               |                                                                                               |                                                                                                                                                                                                                                           |                              |                               |                                  | earth terminal                    |  |       |  |
| Index                                                                                                                                                                                                                                     |  | Datum / Blatt<br>Date / Sheet |                                                                                               | Änderung / Revision                                                                                                                                                                                                                       |                              |                               |                                  |                                   |  |       |  |

| Bestell-Nr.<br>/order no. | Typ<br>/type  | Farbe<br>/colour        | VPE:<br>packaging unit: |
|---------------------------|---------------|-------------------------|-------------------------|
| 5D.S03.9855.0             | WTN 2.5 E3 PE | grün-gelb/ green-yellow | 20                      |