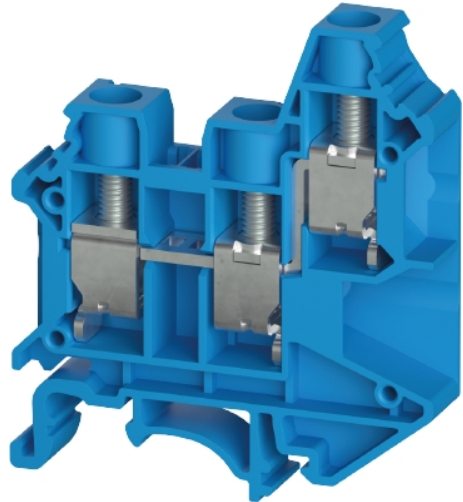


## Data sheet

Commercial Art.No.: 5D.S10.5055.6

feed-through terminal WTN 10 D1/2 BL

feed-through terminal WTN 10 D1/2 BL rated voltage 1000 V, rated current 57 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 10 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 0,5mm<sup>2</sup> - 10mm<sup>2</sup>, mounting method DIN rail (top hat rail), color blue, width/grid dimension 10 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.S10.5055.6 |
| EAN                | 4049088725418 |
| Order Unit         | 50            |

certificates / approvals



## Technical data

### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 10 mm <sup>2</sup>      |
| color                                                      | blue                    |
| number of levels                                           | 1                       |
| number of clamp positions per level                        | 2                       |
| width/grid dimension                                       | 10 mm                   |
| insulating housing                                         | PA                      |
| inflammability class of insulation material acc. with UL94 | V0                      |
| mounting method                                            | DIN rail (top hat rail) |

### technical data

|                             |               |
|-----------------------------|---------------|
| rated current               | 57 A          |
| rated voltage               | 1000 V        |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | yes           |
| type of insulation material | thermoplastic |
| length                      | 55.6 mm       |
| width                       | 10 mm         |

### connection data

|                   |                  |
|-------------------|------------------|
| connection type   | screw connection |
| connection type 1 | screw connection |

|                                                                         |                     |
|-------------------------------------------------------------------------|---------------------|
| connection type 2                                                       | screw connection    |
| minimum cross section solid                                             | 0.5 mm <sup>2</sup> |
| maximum cross section solid                                             | 16 mm <sup>2</sup>  |
| minimum cross section fine stranded                                     | 0.5 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 10 mm <sup>2</sup>  |
| minumum conductor cross section (flex., stranded) with cable end sleeve | 0.5 mm <sup>2</sup> |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 10 mm <sup>2</sup>  |
| wire strip length                                                       | 12 mm               |
| torque conductor mounting                                               | 1.2 Nm              |

#### technical data UL/CSA

|                        |          |
|------------------------|----------|
| cross section UL       | 20-6 AWG |
| voltage UL             | 600 V    |
| current factory wiring | 60 A     |
| current field wiring   | 60 A     |
| cross section CSA      | 20-6 AWG |
| voltage CSA            | 600 V    |
| current CSA            | 60 A     |

#### classification

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

#### product compliance

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

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                                                                                                                                                            |
|---------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0D.S03.5227.5       | jumper bar IVB WTN 2.5R10 | jumper bar IVB WTN 2.5R10 modular spacing 8.5 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S04.5227.5       | jumper bar IVB WTN 4R10   | jumper bar IVB WTN 4R10 modular spacing 9.2 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.S10.3227.5       | jumper bar IVB WTN 10-2   | jumper bar IVB WTN 10-2 modular spacing 10 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0    |
| 0D.S10.3327.5       | jumper bar IVB WTN 10-3   | jumper bar IVB WTN 10-3 modular spacing 10 mm, insulated yes, number of poles 3, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0    |
| 0D.S10.3427.5       | jumper bar IVB WTN 10-4   | jumper bar IVB WTN 10-4 modular spacing 10 mm, insulated yes, number of poles 4, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0    |
| 0D.S10.3527.5       | jumper bar IVB WTN 10-5   | jumper bar IVB WTN 10-5 modular spacing 10 mm, insulated yes, number of poles 5, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0    |
| 0D.S10.4027.5       | jumper bar IVB WTN 10-10  | jumper bar IVB WTN 10-10 modular spacing 10 mm, insulated yes, number of poles 10, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0  |
| 0D.S06.1055.9       | partition TW 002 WTN      |                                                                                                                                                                                         |

|               |                           |                                                            |
|---------------|---------------------------|------------------------------------------------------------|
| 0D.S10.2155.0 | end plate APWTN 10 D1/2   |                                                            |
| 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 |

|                                                                                                                                                                                                                                           |                               |   |                                                                                                      |                      |                                                                                               |                 |                               |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------|-----------------|-------------------------------|-----------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|--|--|-------------------------------|---------------------|--|--|--|--|-------|--|
| Weitere Daten siehe KATALOG oder eKatalog<br>additional data see CATALOG or eCATALOG                                                                                                                                                      |                               |   |                                                                                                      |                      |                                                                                               |                 |                               |                       |                                              | www.wieland-electric.com<br>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 ☑ 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: of 1 |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / |                 | Werkstoff / Material |                                                                                               |                 |                               |                       |                                              | Tag/Date                                                                                                                                                                                                | Name        |  |  |  |                               | T 5D.S10.5055.0 13K |  |  |  |  | Index |  |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                      |                      |                                                                                               |                 |                               |                       | gezeichnet<br>drawn                          | 27.08.2025                                                                                                                                                                                              | Eichhorn N. |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / | Maßstab / Scale                                                                                      |                      |                                                                                               |                 |                               |                       | Elektronische Freigabe<br>Electronic Release |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / | 2:1                                                                                                  |                      |                                                                                               |                 |                               |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
| Maße in mm / Dimensions are in mm                                                                                                                                                                                                         |                               |   |                                                                                                      |                      |                                                                                               |                 |                               |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / | Vol.                                                                                                 | mm <sup>3</sup>      | Dfl./Srf.                                                                                     | mm <sup>2</sup> | Ersatz für / Replacement for: |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / |  <b>wieland</b> |                      |                                                                                               |                 |                               | Type                  | Benennung/Title                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                      |                      |                                                                                               |                 |                               | DURCHGANGSKLEMME      |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                      |                      |                                                                                               |                 |                               | feed-through terminal |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
| Index                                                                                                                                                                                                                                     | Datum / Blatt<br>Date / Sheet |   |                                                                                                      |                      |                                                                                               |                 |                               |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |
| Änderung / Revision                                                                                                                                                                                                                       |                               |   |                                                                                                      |                      |                                                                                               |                 |                               |                       |                                              |                                                                                                                                                                                                         |             |  |  |  |                               |                     |  |  |  |  |       |  |