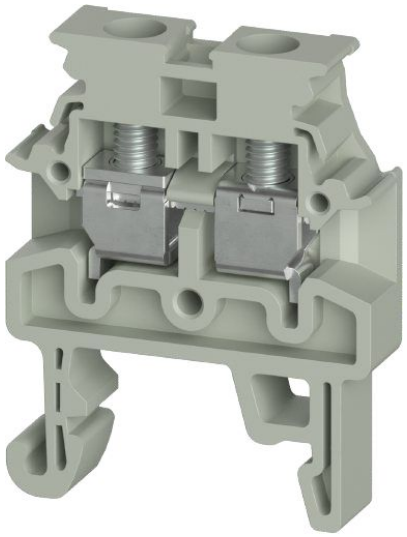
product data sheet

item no. 5D.ST3.0055.0

# feed-through terminal WTN 2.5 TS15

feed-through terminal WTN 2.5 TS15 rated voltage 500 V, rated current 24 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 2.5 mm², connectable conductor cross section fine stranded without cable end sleeve 0,34mm² - 2,5mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 5.1 mm, inflammability class of insulation material acc. with ul94 V0



| | |
|---|---|
| item no. | 5D.ST3.0055.0 |
| EAN | 4049088726057 |
| order unit | 100 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| nominal cross section | 2.5 mm² |
| color | grey |
| number of levels | 1 |
| 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) |
| terminal blocks for electrical installations | yes |
| connection type | screw connection |
| number of clamp positions per level | 2 |
| mounting method | DIN rail (top hat rail) |
| inflammability class of insulation material acc. with UL94 | V0 |
| terminal blocks for electrical installations | yes |
| halogen free | yes |

**technical data**

| | |
|---|---|
| rated current | 24 A |
| rated voltage | 500 V |
| rated impulse voltage | 4 kV |
| pollution degree | 3 |
| closing plate required | yes |
| type of insulation material | thermoplastic |
| length | 22 mm |
| width | 5.1 mm |

| | |
|---|---|
| height | 28.4 mm |

**connection data**

| | |
|---|---|
| connection type | screw connection |
| connection type 1 | screw connection |
| connection type 2 | screw connection |
| minimum cross section solid | 0.34 mm² |
| maximum cross section solid | 2.5 mm² |
| minimum cross section fine stranded | 0.34 mm² |
| maximum cross section fine stranded | 2.5 mm² |
| minumum conductor cross section (flex., stranded) with cable end sleeve | 0.34 mm² |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 1.5 mm² |
| wire strip length | 8 mm |
| torque conductor mounting | 0.4 Nm |

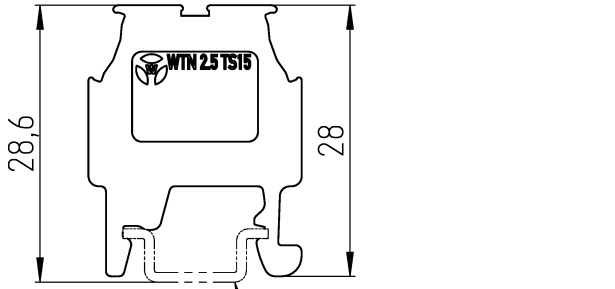
**technical data UL/CSA**

| | |
|---|---|
| cross section UL | 22-12 AWG |
| voltage UL | 300 V |
| current factory wiring | 20 A |
| current field wiring | 20 A |
| cross section CSA | 22-12 AWG |
| voltage CSA | 300 V |
| current CSA | 20 A |

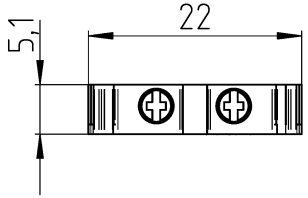
## accessories

| item no. | type | description |
|---|---|---|
| 0D.ST3.3227.0 | insert bridge IVB WTN 2.5-2 TS15 | insert bridge IVB WTN 2.5-2 TS15 modular spacing 5.1 mm, insulated yes, number of poles 2, color grey, height 16.5 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.ST3.3327.0 | insert bridge IVB WTN 2.5-3 TS15 | insert bridge IVB WTN 2.5-3 TS15 modular spacing 5.1 mm, insulated yes, number of poles 3, color grey, height 16.5 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.ST3.3427.0 | insert bridge IVB WTN 2.5-4 TS15 | insert bridge IVB WTN 2.5-4 TS15 modular spacing 5.1 mm, insulated yes, number of poles 4, color grey, height 16.5 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.ST3.3527.0 | insert bridge IVB WTN 2.5-5 TS15 | insert bridge IVB WTN 2.5-5 TS15 modular spacing 5.1 mm, insulated yes, number of poles 5, color grey, height 16.5 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.ST3.4027.0 | insert bridge IVB WTN 2.5-10 TS15 | insert bridge IVB WTN 2.5-10 TS15 modular spacing 5.1 mm, insulated yes, number of poles 10, color grey, height 16.5 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.ST3.2055.0 | end plate APWTN 2.5 TS15 | end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1 mm, length 22 mm, color grey |
| 0D.202.7381.0 | marking strips WML 7.4/60 | marking strips WML 7.4/60 material plastic, color white, length 230 mm, height 11.4 mm, inflammability class of insulation material acc. with ul94 V0 |
| 0D.203.7156.0 | marking plate WMP 5,10-5,8 | marking plate WMP 5,10-5,8 modular spacing 5.1 mm, material plastic, color white, length 128 mm, height 76 mm, inflammability class of insulation material acc. with ul94 V0 |

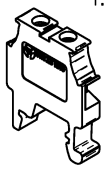
technical drawing




Hutschiene EN 60715-15x5,5
/mounting rail EN 60715-15x5,5




1:1



| Bestell-Nr. /order no. | Typ /type | Farbe /colour |
|---|---|---|
| 5D.ST3.0055.0 | WTN 2.5 TS15 | grau / grey |
| 5D.ST3.0055.1 | WTN 2.5 TS15 SW | schwarz & black |
| 5D.ST3.0055.6 | WTN 2.5 TS15 BL | blau / blue |
| 5D.ST3.0055.8 | WTN 2.5 TS15 GE | gelb / yellow |

a

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG
www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(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. Conformity with Wieland document WN 5020.010 e (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: 1 of 1

Werkstoff / Material

Maßstab / Scale 2:1

Vol. mm³ Ofl./Srf. mm²

| | Tag/Date | Name |
|---|---|---|
| gezeichnet drawn | 30.10.2025 | Sachs (extern) |

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No. 5D.ST3.0055.0 13K

Index a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Benennung/Title
DURCHGANGSKLEMME
feed-through terminal

wieland

| Index | Datum / Blatt Date / Sheet |
|---|---|
| a | 12.03.2026 / |

Änderung / Revision

2026-03-12 10:58:21 1.000

01-QU-RD-32/21

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Vertraulichkeitsklasse: Vertraulich
Confidentiality Class: confidential

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

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