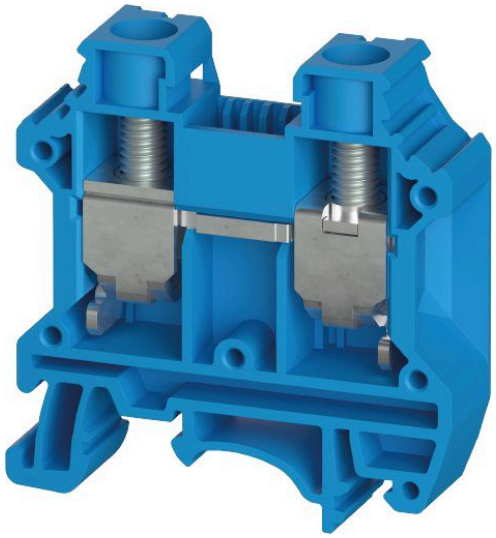
product data sheet

item no. 5D.S16.0055.6

# feed-through terminal WTN 16 BL

feed-through terminal WTN 16 BL rated voltage 1000 V, rated current 76 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 16 mm², connectable conductor cross section fine stranded without cable end sleeve 1,5mm² - 16mm², mounting method DIN rail (top hat rail), color blue, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0



| | |
|---|---|
| item no. | 5D.S16.0055.6 |
| EAN | 4049088725456 |
| order unit | 50 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| nominal cross section | 16 mm² |
| color | blue |
| number of levels | 1 |
| number of clamp positions per level | 2 |
| width/grid dimension | 12 mm |
| insulating housing | PA |
| inflammability class of insulation material acc. with UL94 | V0 |
| mounting method | DIN rail (top hat rail) |
| Anschlussart | screw connection |
| Anzahl der Klemmstellen je Etage | 2 |
| Montageart | DIN rail (top hat rail) |
| Brennbarkeitsklasse des Isolierstoffs | V0 |

**technical data**

| | |
|---|---|
| rated current | 76 A |
| rated voltage | 1000 V |
| rated impulse voltage | 8 kV |
| pollution degree | 3 |
| closing plate required | yes |
| type of insulation material | thermoplastic |
| length | 49.6 mm |
| width | 12 mm |
| height | 52.2 mm |

**connection data**

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

| | |
|---|---|
| connection type 1 | screw connection |
| connection type 2 | screw connection |
| minimum cross section solid | 1.5 mm² |
| maximum cross section solid | 25 mm² |
| minimum cross section fine stranded | 1.5 mm² |
| maximum cross section fine stranded | 16 mm² |
| minumum conductor cross section (flex., stranded) with cable end sleeve | 1.5 mm² |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 16 mm² |
| wire strip length | 14 mm |
| torque conductor mounting | 2 Nm |

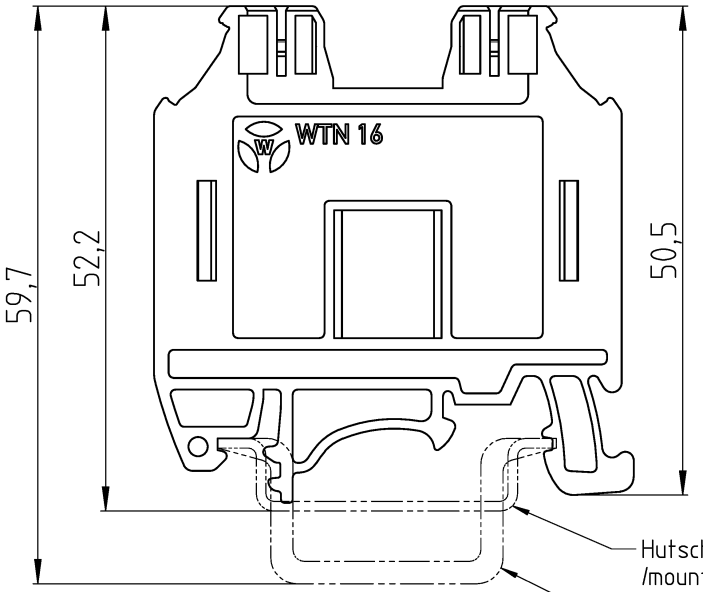
**technical data UL/CSA**

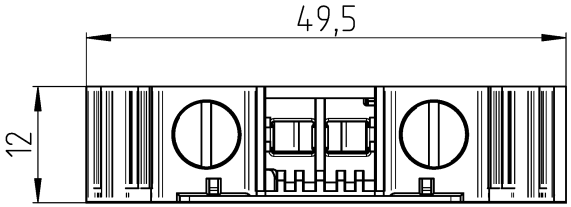
| | |
|---|---|
| cross section UL | 14-3 AWG |
| voltage UL | 600 V |
| current factory wiring | 100 A |
| current field wiring | 100 A |
| cross section CSA | 14-3 AWG |
| voltage CSA | 600 V |
| current CSA | 100 A |

## accessories

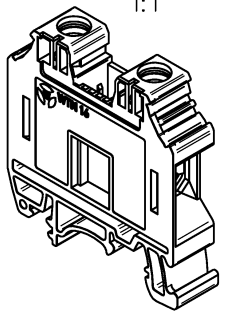
| item no. | type | description |
|---|---|---|
| 0D.S03.5327.5 | jumper bar IVB WTN 2.5R16 | jumper bar IVB WTN 2.5R16 modular spacing 9.1 mm, insulated yes, number of poles 2, color red, height 30.5 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S04.5327.5 | jumper bar IVB WTN 4R16 | jumper bar IVB WTN 4R16 modular spacing 9.8 mm, insulated yes, number of poles 2, color red, height 29.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S06.5227.5 | jumper bar IVB WTN 6R16 | jumper bar IVB WTN 6R16 modular spacing 11.2 mm, insulated yes, number of poles 2, color red, height 28 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S16.3227.5 | jumper bar IVB WTN 16-2 | jumper bar IVB WTN 16-2 modular spacing 12 mm, insulated yes, number of poles 2, color red, height 26.1 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S17.5227.0 | insert bridge IVB WTN 16-2 P | insert bridge IVB WTN 16-2 P modular spacing 12 mm, insulated yes, number of poles 2, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S17.5327.0 | insert bridge IVB WTN 16-3 P | insert bridge IVB WTN 16-3 P modular spacing 12 mm, insulated yes, number of poles 3, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S17.5427.0 | insert bridge IVB WTN 16-4 P | insert bridge IVB WTN 16-4 P modular spacing 12 mm, insulated yes, number of poles 4, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S17.6027.0 | insert bridge IVB WTN 16-10 P | insert bridge IVB WTN 16-10 P modular spacing 12 mm, insulated yes, number of poles 10, color grey, height 31.4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S16.6555.2 | cover ADWTN 16 SC | cover ADWTN 16 SC length 32.8 mm, height 6.1 mm, material plastic, color white, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S16.6555.8 | cover ADWTN 16 SC Y | cover ADWTN 16 SC Y length 32.8 mm, height 6.1 mm, material plastic, color yellow, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S10.1055.9 | partition TW 009 WTN | partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 58.9 mm, color grey |
| 0D.S16.1055.9 | partition TW 004 WTN | partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 1.4 mm, length 28.7 mm, color grey |
| 0D.S16.2055.0 | end plate APWTN 16 | end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.5 mm, length 48.3 mm, color grey |
| 0D.202.7281.0 | marking strips WML 9.8/60 | marking strips WML 9.8/60 material plastic, color white, length 230 mm, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0 |
| 0D.210.7056.0 | marking plate WMP 10-10 | marking plate WMP 10-10 modular spacing 10 mm, material plastic, color white, length 128 mm, height 76 mm, inflammability class of insulation material acc. with ul94 V0 |

technical drawing




1:1



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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

| Bestell-Nr. /order no. | Typ /type | Farbe /colour |
|---|---|---|
| 5D.S16.0055.0 | WTN 16 | grau / grey |
| 5D.S16.0055.5 | WTN 16 RT | rot / red |
| 5D.S16.0055.6 | WTN 16 BL | blau / blue |

Weitere Daten siehe KATALOG oder eKatalog | www.wieland-electric.com
additional data see CATALOG or eCATALOG | 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: Sheet: 1 von of 1

Werkstoff / Material

Maßstab / Scale: 2:1

| | Tag/Date | Name |
|---|---|---|
| gezeichnet drawn | 27.08.2025 | Eichhorn N. |

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.S16.0055.0 13K

Index

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

Index | Datum / Blatt Date / Sheet | Änderung / Revision

wieland

Type

Benennung/Title

# DURCHGANGSKLEMME

feed-through terminal

2025-11-27 10:35:06 1.000

01-QU-RD-32/21