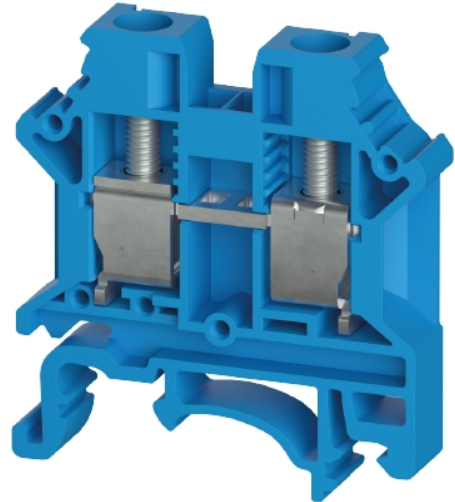


## Data sheet

Commercial Art.No.: 5D.S06.0055.6

feed-through terminal WTN 6 BL

feed-through terminal WTN 6 BL rated voltage 1000 V, rated current 41 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 6 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 0,5mm<sup>2</sup> - 6mm<sup>2</sup>, mounting method DIN rail (top hat rail), color blue, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.S06.0055.6 |
| EAN                | 4049088725272 |
| Order Unit         | 100           |

certificates / approvals



LR

## Technical data

### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 6 mm <sup>2</sup>       |
| color                                                      | blue                    |
| number of levels                                           | 1                       |
| number of clamp positions per level                        | 2                       |
| width/grid dimension                                       | 8 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               | 41 A          |
| rated voltage               | 1000 V        |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | yes           |
| type of insulation material | thermoplastic |
| length                      | 104.6 mm      |
| width                       | 8 mm          |

|        |       |
|--------|-------|
| height | 50 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                                             | 10 mm <sup>2</sup>  |
| minimum cross section fine stranded                                     | 0.5 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 6 mm <sup>2</sup>   |
| minimum 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 | 6 mm <sup>2</sup>   |
| wire strip length                                                       | 12 mm               |
| torque conductor mounting                                               | 1.2 Nm              |

#### technical data UL/CSA

|                        |          |
|------------------------|----------|
| cross section UL       | 20-8 AWG |
| voltage UL             | 600 V    |
| current factory wiring | 50 A     |
| current field wiring   | 50 A     |
| cross section CSA      | 20-8 AWG |
| voltage CSA            | 600 V    |
| current CSA            | 50 A     |

#### classification

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

#### product compliance

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

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                                                                                                                                                                           |
|---------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0D.S03.5127.5       | jumper bar IVB WTN 2.5R6  | jumper bar IVB WTN 2.5R6 modular spacing 7.8 mm, insulated yes, number of poles 2, color red, height 26.7 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S04.5127.5       | jumper bar IVB WTN 4R6    | jumper bar IVB WTN 4R6 modular spacing 8.3 mm, insulated yes, number of poles 2, color red, height 26 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0     |
| 0D.S06.3227.5       | jumper bar IVB WTN 6-2    | jumper bar IVB WTN 6-2 modular spacing 8 mm, insulated yes, number of poles 2, color red, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0     |
| 0D.S06.3327.5       | jumper bar IVB WTN 6-3    | jumper bar IVB WTN 6-3 modular spacing 8 mm, insulated yes, number of poles 3, color red, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0     |
| 0D.S06.3427.5       | jumper bar IVB WTN 6-4    | jumper bar IVB WTN 6-4 modular spacing 8 mm, insulated yes, number of poles 4, color red, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0     |

|               |                               |                                                                                                                                                                                                             |
|---------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0D.S06.3527.5 | jumper bar IVB WTN 6-5        | jumper bar IVB WTN 6-5 modular spacing 8 mm, insulated yes, number of poles 5, color red, height 24.9 mm, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0          |
| 0D.S06.4027.5 | jumper bar IVB WTN 6-10       | jumper bar IVB WTN 6-10 modular spacing 8 mm, insulated yes, number of poles 10, color red, height 24.9 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.S06.6555.2 | cover ADWTN 6 SC              | cover ADWTN 6 SC length 26 mm, height 5.4 mm, material plastic, color white, inflammability class of insulation material acc. with ul94 V0                                                                  |
| 0D.S06.6555.8 | cover ADWTN 6 SC Y            | cover ADWTN 6 SC Y length 26 mm, height 5.4 mm, material plastic, color yellow, inflammability class of insulation material acc. with ul94 V0                                                               |
| 0D.S04.1055.9 | partition TW 001 WTN          | partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 0.8 mm, length 15.8 mm, color grey                                                                 |
| 0D.S04.1255.9 | partition TW 008 WTN          | partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 52 mm, color grey                                                                     |
| 0D.S06.2055.0 | end plate APWTN 6             | end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 1.2 mm, length 42.8 mm, color grey                                                                |
| 0D.S06.2655.0 | end plate APWTN 6 B           | end plate inflammability class of insulation material acc. with ul94 V0, type of end plate yes, thickness 0.8 mm, length 42.8 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.206.7056.0 | marking plate WMP 8-10        | marking plate WMP 8-10 modular spacing 8 mm, material plastic, color white, length 128 mm, height 76 mm, inflammability class of insulation material acc. with ul94 V0                                      |
| 0D.S07.3227.0 | insert bridge IVB WTN 6-2 IN  | insert bridge IVB WTN 6-2 IN modular spacing 8 mm, insulated yes, number of poles 2, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.S07.3327.0 | insert bridge IVB WTN 6-3 IN  | insert bridge IVB WTN 6-3 IN modular spacing 8 mm, insulated yes, number of poles 3, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.S07.3427.0 | insert bridge IVB WTN 6-4 IN  | insert bridge IVB WTN 6-4 IN modular spacing 8 mm, insulated yes, number of poles 4, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.S07.3527.0 | insert bridge IVB WTN 6-5 IN  | insert bridge IVB WTN 6-5 IN modular spacing 8 mm, insulated yes, number of poles 5, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.S07.4027.0 | insert bridge IVB WTN 6-10 IN | insert bridge IVB WTN 6-10 IN modular spacing 8 mm, insulated yes, number of poles 10, color grey, height 24.2 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0 |

