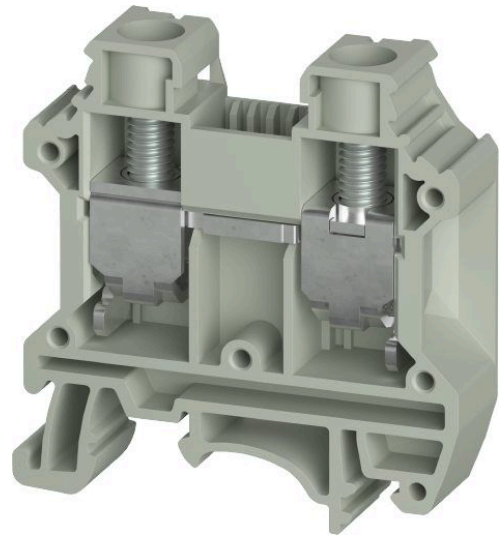


## product data sheet

item no. 5D.S16.0055.0

### feed-through terminal WTN 16

feed-through terminal WTN 16 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 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 1,5mm<sup>2</sup> - 16mm<sup>2</sup>, mounting method DIN rail (top hat rail), color grey, width/grid dimension 12 mm, inflammability class of insulation material acc. with ul94 V0



|            |               |
|------------|---------------|
| item no.   | 5D.S16.0055.0 |
| EAN        | 4049088725432 |
| order unit | 50 piece(s)   |

### certificates / approvals



### technical data

#### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 16 mm <sup>2</sup>      |
| color                                                      | grey                    |
| 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                      | 57.8 mm       |
| width                       | 12 mm         |
| height                      | 90.1 mm       |

#### connection data

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

|                                                                         |                     |
|-------------------------------------------------------------------------|---------------------|
| connection type 1                                                       | screw connection    |
| connection type 2                                                       | screw connection    |
| minimum cross section solid                                             | 1.5 mm <sup>2</sup> |
| maximum cross section solid                                             | 25 mm <sup>2</sup>  |
| minimum cross section fine stranded                                     | 1.5 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 16 mm <sup>2</sup>  |
| minumum conductor cross section (flex., stranded) with cable end sleeve | 1.5 mm <sup>2</sup> |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 16 mm <sup>2</sup>  |
| 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    |

