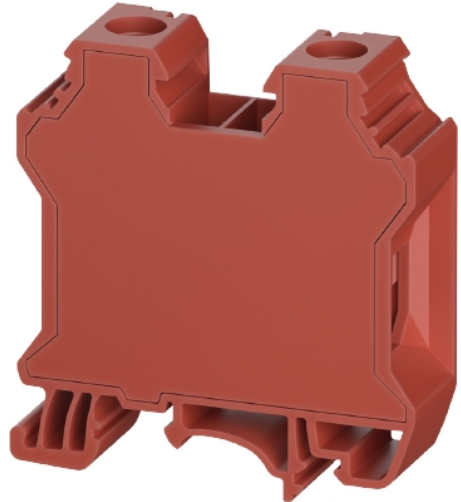


## Data sheet

Commercial Art.No.: 5D.S35.0055.5

feed-through terminal WTN 35 RT

feed-through terminal WTN 35 RT rated voltage 1000 V, rated current 125 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 35 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 1,5mm<sup>2</sup> - 35mm<sup>2</sup>, mounting method DIN rail (top hat rail), color red, width/grid dimension 16 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.S35.0055.5 |
| EAN                | 4049088725517 |
| Order Unit         | 50            |

certificates / approvals



## Technical data

### general

|                                                            |                         |
|------------------------------------------------------------|-------------------------|
| nominal cross section                                      | 35 mm <sup>2</sup>      |
| color                                                      | red                     |
| number of levels                                           | 1                       |
| number of clamp positions per level                        | 2                       |
| width/grid dimension                                       | 16 mm                   |
| insulating housing                                         | PA                      |
| inflammability class of insulation material acc. with UL94 | V0                      |
| mounting method                                            | DIN rail (top hat rail) |

### technical data

|                             |               |
|-----------------------------|---------------|
| rated current               | 125 A         |
| rated voltage               | 1000 V        |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | no            |
| type of insulation material | thermoplastic |
| length                      | 56.4 mm       |
| width                       | 16 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                                             | 50 mm <sup>2</sup>  |
| minimum cross section fine stranded                                     | 1.5 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 35 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 | 35 mm <sup>2</sup>  |
| wire strip length                                                       | 16 mm               |
| torque conductor mounting                                               | 3.5 Nm              |

#### technical data UL/CSA

|                        |            |
|------------------------|------------|
| cross section UL       | 12-1/0 AWG |
| voltage UL             | 600 V      |
| current factory wiring | 150 A      |
| current field wiring   | 150 A      |
| cross section CSA      | 12-1/0 AWG |
| voltage CSA            | 600 V      |
| current CSA            | 150 A      |

#### classification

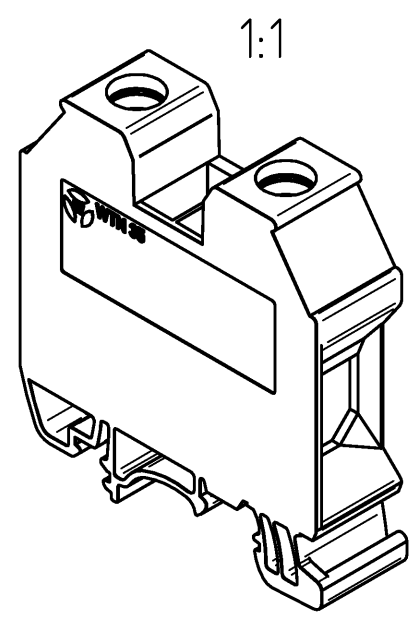
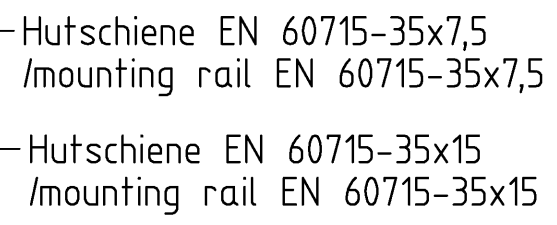
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| ETIM 9.0 | EC000897 |
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#### product compliance

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

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                                                                                                                                                         |
|---------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0D.S35.3227.5       | jumper bar IVB WTN 35-2   | jumper bar IVB WTN 35-2 modular spacing 16 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.S16.1055.9       | partition TW 004 WTN      |                                                                                                                                                                                      |
| 0D.S35.1055.9       | partition TW 010 WTN      |                                                                                                                                                                                      |
| 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                                                                                                                           |



|                           |   |  |   |  |   |  |   |  |                  |
|---------------------------|---|--|---|--|---|--|---|--|------------------|
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|---------------------------|---|--|---|--|---|--|---|--|------------------|