

## Data sheet

Commercial Art.No.: 56.135.1055.0

High current terminal WRT 35/M6

High current terminal block with ring lug connection for mounting on TS35, nominal cross section: 35 mm<sup>2</sup>, width: 27 mm, color: grey



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 56.135.1055.0 |
| EAN                | 4049088260827 |
| Order Unit         | 10            |

Certificates / Approvals



## Technical data

### General

|                                                            |                               |
|------------------------------------------------------------|-------------------------------|
| Nominal cross section                                      | 35 mm <sup>2</sup>            |
| Colour                                                     | Grey                          |
| Number of levels                                           | 1                             |
| Number of clamp positions per level                        | 2                             |
| Width/grid dimension                                       | 27 mm                         |
| Insulating housing                                         | PA66                          |
| Inflammability class of insulation material acc. with UL94 | V0                            |
| Explosion-tested version "Ex e"                            | No                            |
| Mounting method                                            | DIN rail (top hat rail) 35 mm |
| Terminal blocks for electrical installations               | Yes                           |

### Technical data

|                             |               |
|-----------------------------|---------------|
| Rated current               | 125 A         |
| Rated voltage               | 1000 V        |
| Rated impulse voltage       | 8 kV          |
| Pollution degree            | 3             |
| Type of insulation material | Thermoplastic |
| Length                      | 107.5 mm      |
| Width                       | 27 mm         |
| Height                      | 51.5 mm       |

### Connection Data



|                                     |                     |
|-------------------------------------|---------------------|
| Connection type                     | Bolt connection     |
| Connection type 1                   | Bolt connection     |
| Minimum cross section fine stranded | 2.5 mm <sup>2</sup> |
| Maximum cross section fine stranded | 50 mm <sup>2</sup>  |

## Technical Data UL/CSA

|                        |            |
|------------------------|------------|
| Cross section UL       | AWG 14 - 2 |
| Voltage UL             | 1000 V     |
| Current factory wiring | 130 A      |
| Cross section CSA      | AWG 14 - 2 |
| Voltage CSA            | 1000 V     |
| Current CSA            | 130 A      |

## Classification

|            |          |
|------------|----------|
| ECLASS 8.1 | 27141120 |
| ETIM 7.0   | EC000897 |
| ETIM 6.0   | EC000897 |
| ETIM 5.0   | EC000897 |

## Accessories

| Commercial Art.No.: | Article-type description: | Description:                                               |
|---------------------|---------------------------|------------------------------------------------------------|
| 07.201.1227.6       | Jumper bar VB WRT 35/ 2   | Cross connector for terminal blocks type WRT 35, 2-pole    |
| 07.201.1327.6       | Jumper bar VB WRT 35/ 3   | Cross connector for terminal blocks type WRT 35, 3-pole    |
| 07.431.7053.8       | Cover AD WRT 35           | Cover for high current terminal block WRT 35, color yellow |

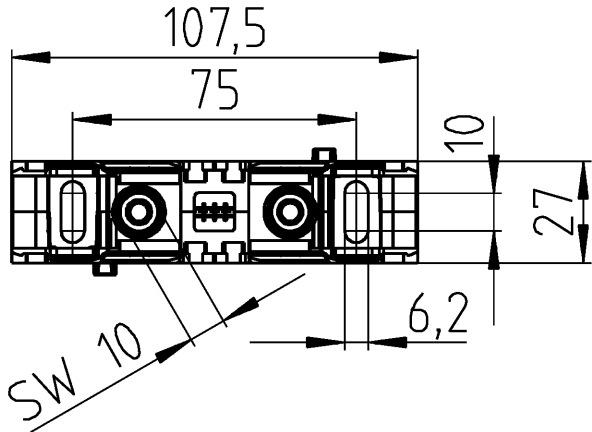
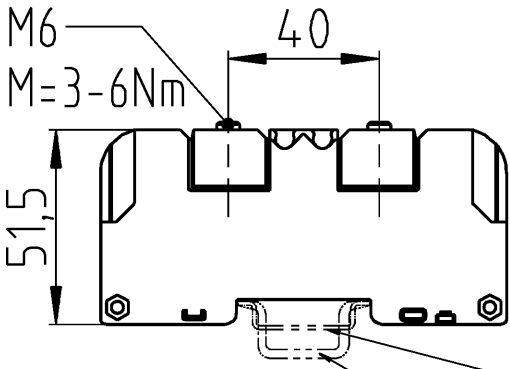
A  
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B  
 These dimensions will be especially checked at delivery  
 Only inspection dimensions  
 With /E marked dimensions are only valid for internal use

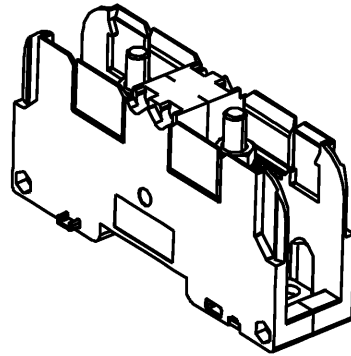
C  
 Diese Maße werden bei Abnahme besonders geprüft  
 Ausschließlich Prüfmaße  
 Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

D  
 F

1



Hutschiene EN 60715-35x7,5  
 mounting rail EN 60715-35x7,5  
 Hutschiene EN 60715-35x15  
 mounting rail EN 60715-35x15



Zubehör  
 /Accessories:

- 07.431.7053.8 Abdeckung/Cover
- 07.201.1227.6 Verbindungssteg/Jumper bar (2)
- 07.201.1327.6 Verbindungssteg/Jumper bar (3)

Technische Daten  
 /Technical data

|                                                                              |          |                                                                                                                  |      |
|------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------|------|
|                                                                              | IEC      | <br>factory   field<br>wiring |      |
| Bemessungsspannung V<br>rated voltage V                                      | 1000     | 1000                                                                                                             | 1000 |
| Bemessungsstrom A<br>rated current A                                         | 125      | 130                                                                                                              | 130  |
| Bemessungsquerschnitt mm <sup>2</sup><br>rated cross section mm <sup>2</sup> | 35       |                                                                                                                  |      |
| AWG                                                                          |          | 14-1/0                                                                                                           |      |
| Bemessungsstoßspannung kV<br>rated voltage kV                                | 8        |                                                                                                                  |      |
| Verschmutzungsgrad<br>pollution degree                                       | 3        |                                                                                                                  |      |
| Brennbarkeitsklasse nach UL94<br>flamability rating                          | V0       |                                                                                                                  |      |
| Klemmbereich mm <sup>2</sup><br>clamping range mm <sup>2</sup>               | 2,5 - 50 |                                                                                                                  |      |
| Bolzensgröße<br>bolt size                                                    | M6       |                                                                                                                  |      |

|                                |              |                        |                            |
|--------------------------------|--------------|------------------------|----------------------------|
| 56.135.1055.0                  | WRT 35 M6    | /                      | X                          |
| Bestellnummer<br>/Order number | Typ<br>/Type | Varianten<br>/Variants | dar-<br>gestellt<br>/drawn |

Weitere Daten siehe KATALOG oder eKatalog  
 additional data see CATALOG or eCATALOG

|                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------|------|---|------------|------------|---------|---|-----------------|--|--|---|-----|--|--|---|--|--|--|---------------------------------------------------------|--|
| Tolerierung Size ISO 14405 ☺ / Tolerance system Size ISO 14405 ☺.<br>(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.<br>Conformity with Wieland document WN 5020.010 e (list of prohibited /<br>deklarable hazardous substances) to be declared! |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Freitoleranz nach<br>General tolerance                                                                                                                                                                                                                                                                                                                                       |                               | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed                                                                                                              | 1. Verwendung:<br>First Use:                            |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Blatt:<br>Sheet: 1 von<br>of 1                                                                                                                                                                                                                                                                                                                                               |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| <table border="1"> <tr> <td>/</td> <td>Werkstoff / Material</td> <td>Tag/Date</td> <td>Name</td> </tr> <tr> <td>/</td> <td>PA 66/6 V0</td> <td>23.11.2017</td> <td>Schmitt</td> </tr> <tr> <td>/</td> <td>Maßstab / Scale</td> <td></td> <td></td> </tr> <tr> <td>/</td> <td>1:2</td> <td></td> <td></td> </tr> <tr> <td>/</td> <td></td> <td></td> <td></td> </tr> </table> |                               | /                                                                                                                                                                                                          | Werkstoff / Material                                    | Tag/Date | Name | / | PA 66/6 V0 | 23.11.2017 | Schmitt | / | Maßstab / Scale |  |  | / | 1:2 |  |  | / |  |  |  | Zeichnung Nr. / Drawing No.<br><b>56.135.1055.0 13K</b> |  |
| /                                                                                                                                                                                                                                                                                                                                                                            | Werkstoff / Material          | Tag/Date                                                                                                                                                                                                   | Name                                                    |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| /                                                                                                                                                                                                                                                                                                                                                                            | PA 66/6 V0                    | 23.11.2017                                                                                                                                                                                                 | Schmitt                                                 |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| /                                                                                                                                                                                                                                                                                                                                                                            | Maßstab / Scale               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| /                                                                                                                                                                                                                                                                                                                                                                            | 1:2                           |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| /                                                                                                                                                                                                                                                                                                                                                                            |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Maße in mm / Dimensions are in mm                                                                                                                                                                                                                                                                                                                                            |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Vol. mm³                                                                                                                                                                                                                                                                                                                                                                     |                               | Ofl./Srf. mm²                                                                                                                                                                                              |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Ersatz für / Replacement for: 56.135.1055.0 01K                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
|  <b>wieland</b><br><a href="http://www.wieland-electric.com">www.wieland-electric.com</a>                                                                                                                                                                                               |                               | Type<br><b>selos</b><br>WRT                                                                                                                                                                                | Benennung/Title<br><b>BOLZENKLEMME</b><br>stud terminal |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Index                                                                                                                                                                                                                                                                                                                                                                        | Datum / Blatt<br>Date / Sheet |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |
| Änderung / Revision                                                                                                                                                                                                                                                                                                                                                          |                               |                                                                                                                                                                                                            |                                                         |          |      |   |            |            |         |   |                 |  |  |   |     |  |  |   |  |  |  |                                                         |  |