

## Connector - with screwless terminals for harsh applications



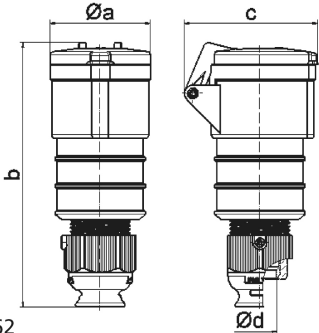
| Product description       |                            |
|---------------------------|----------------------------|
| BALS-Prd.-Nr              | 310044                     |
| EAN                       | 4024941066709              |
| Product category          | QUICK-CONNECT TE connector |
| Current                   | 32A                        |
| Number of poles           | 5p                         |
| Arrangement of phases     | 3p+N+PE                    |
| Position of earth contact | 1 h                        |

| Product description    |                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage                | > 50V for all other not classified voltages and/or frequencies. This time position can additionally process in special applications, in which a distinction to standardized positions needed to be used. |
| Protection degree      | IP44                                                                                                                                                                                                     |
| Colour code            | grey RAL 7035                                                                                                                                                                                            |
| Colour of appliance    | Hinged lid grey RAL 7035, Cable gland grey RAL 7035, Enclosure grey RAL 7035                                                                                                                             |
| Connection design      | screwless spring terminals with KONTEX-contact                                                                                                                                                           |
| Maximum conductor size | 6,0 qmm                                                                                                                                                                                                  |
| Cable entry            | with cable gland                                                                                                                                                                                         |
| Height                 | 199mm                                                                                                                                                                                                    |
| Width                  | 72mm                                                                                                                                                                                                     |
| Depth                  | 99mm                                                                                                                                                                                                     |
| Material of enclosure  | Polyamide                                                                                                                                                                                                |
| Contacts               | the contact carrier is made of high temperature resistant material, the contacts are brass nickel plated                                                                                                 |

| Additional technical properties |                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 | For cable diameter from 13 up to max. 27 mm, MULTI-GRIP cable gland with gasket, integrated cable clamp and additional water evacuation openings |

| Logistics data |                  |
|----------------|------------------|
| Weight/pcs     | 0.324 kg / Piece |
| Packaging      | Bag              |

| Logistics data |               |
|----------------|---------------|
| Content amount | 1 ST          |
| EAN            | 4024941066709 |
| Length         | 99 mm         |
| Width          | 72 mm         |
| Height         | 199 mm        |
| Weight         | 0.325 kg      |
| Volume         | 1,418.472 ccm |
| Packaging      | Carton        |
| Content amount | 10 ST         |
| EAN            | 4024941836364 |
| Length         | 325 mm        |
| Width          | 217 mm        |
| Height         | 210 mm        |
| Weight         | 3.446 kg      |
| Volume         | 13,588.4 ccm  |

|  <p>3 MB 62</p> | <table> <tr> <th>Ampere</th><th>16</th><th>16</th><th>16</th><th>32</th><th>32</th><th>32</th></tr> <tr> <th>Polzahl</th><th>3</th><th>4</th><th>5</th><th>3</th><th>4</th><th>5</th></tr> <tr> <td>a ø</td><td>51,0</td><td>58,0</td><td>65,0</td><td>66,5</td><td>66,5</td><td>72,0</td></tr> <tr> <td>b</td><td>156,0</td><td>162,0</td><td>168,0</td><td>195,0</td><td>195,0</td><td>198,0</td></tr> <tr> <td>c</td><td>72,0</td><td>78,0</td><td>86,0</td><td>89,0</td><td>89,0</td><td>99,0</td></tr> <tr> <td>d ø</td><td>18,0</td><td>18,0</td><td>21,0</td><td>23,0</td><td>23,0</td><td>27,0</td></tr> <tr> <td>Leiter mm<sup>2</sup> min</td><td>1</td><td>1</td><td>1</td><td>2,5</td><td>2,5</td><td>2,5</td></tr> <tr> <td>Leiter mm<sup>2</sup> max</td><td>2,5</td><td>2,5</td><td>2,5</td><td>6</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> |       |       |       |       |       | Ampere | 16 | 16 | 16 | 32 | 32 | 32 | Polzahl | 3 | 4 | 5 | 3 | 4 | 5 | a ø | 51,0 | 58,0 | 65,0 | 66,5 | 66,5 | 72,0 | b | 156,0 | 162,0 | 168,0 | 195,0 | 195,0 | 198,0 | c | 72,0 | 78,0 | 86,0 | 89,0 | 89,0 | 99,0 | d ø | 18,0 | 18,0 | 21,0 | 23,0 | 23,0 | 27,0 | Leiter mm <sup>2</sup> min | 1 | 1 | 1 | 2,5 | 2,5 | 2,5 | Leiter mm <sup>2</sup> max | 2,5 | 2,5 | 2,5 | 6 | 6 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|--------|----|----|----|----|----|----|---------|---|---|---|---|---|---|-----|------|------|------|------|------|------|---|-------|-------|-------|-------|-------|-------|---|------|------|------|------|------|------|-----|------|------|------|------|------|------|----------------------------|---|---|---|-----|-----|-----|----------------------------|-----|-----|-----|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ampere                                                                                             | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16    | 16    | 32    | 32    | 32    |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Polzahl                                                                                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4     | 5     | 3     | 4     | 5     |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| a ø                                                                                                | 51,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 58,0  | 65,0  | 66,5  | 66,5  | 72,0  |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| b                                                                                                  | 156,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 162,0 | 168,0 | 195,0 | 195,0 | 198,0 |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| c                                                                                                  | 72,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 78,0  | 86,0  | 89,0  | 89,0  | 99,0  |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| d ø                                                                                                | 18,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18,0  | 21,0  | 23,0  | 23,0  | 27,0  |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leiter mm <sup>2</sup> min                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1     | 1     | 2,5   | 2,5   | 2,5   |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Leiter mm <sup>2</sup> max                                                                         | 2,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2,5   | 2,5   | 6     | 6     | 6     |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |        |    |    |    |    |    |    |         |   |   |   |   |   |   |     |      |      |      |      |      |      |   |       |       |       |       |       |       |   |      |      |      |      |      |      |     |      |      |      |      |      |      |                            |   |   |   |     |     |     |                            |     |     |     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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