

### Connector Quick-Connect with Multi-Grip

- Screwless terminals
- Screwless enclosure connection, self locking
- Kontex contact
- Special gland, simultaneous cable gland and seal
- Protection degree IP44



Fig.: Type 3148

|    | 3              | 4             | 5               | 110V<br>50-60 Hz           | 230V<br>50-60 Hz           | 400V<br>50-60 Hz           | 500V<br>50-60 Hz           | 100-300Hz<br>> 50V            | 301-500Hz<br>> 50V         |     | g    |
|----|----------------|---------------|-----------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|-----|------|
|    | 2P+E<br>Ampere | 3P+E<br>Poles | 3P+N+E<br>Poles | 3pol 4pol 5pol<br>4h 4h 4h | 3pol 4pol 5pol<br>6h 9h 9h | 3pol 4pol 5pol<br>9h 6h 6h | 3pol 4pol 5pol<br>7h 7h 7h | 3pol 4pol 5pol<br>10h 10h 10h | 3pol 4pol 5pol<br>2h 2h 2h | Qty | each |
| 16 | 3              |               |                 | 3125                       | 3126                       |                            |                            |                               |                            | 10  | 120  |
| 16 | 4              |               |                 |                            | 3129                       | 3130                       |                            |                               |                            | 10  | 160  |
| 16 | 5              |               |                 |                            | 3135                       | 3136                       |                            |                               |                            | 10  | 165  |
| 32 | 3              |               |                 | 3137                       | 3138                       |                            |                            |                               |                            | 10  | 240  |
| 32 | 4              |               |                 |                            | 3141                       | 3142                       |                            |                               |                            | 10  | 260  |
| 32 | 5              |               |                 |                            | 3147                       | 3148                       |                            |                               |                            | 10  | 300  |

  

|               |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|
| Ampere        | 16    | 16    | 16    | 32    | 32    | 32    |
| Poles         | 3     | 4     | 5     | 3     | 4     | 5     |
| a Ø           | 53.0  | 60.0  | 66.0  | 74.5  | 74.5  | 74.5  |
| b             | 100.5 | 112.5 | 113.5 | 133.5 | 133.5 | 134.5 |
| c             | 141.0 | 153.0 | 154.0 | 186.0 | 186.0 | 187.0 |
| d             | 97.5  | 104.5 | 105.5 | 127.5 | 127.5 | 128.5 |
| e Ø           | 18.0  | 18.0  | 18.0  | 23.0  | 23.0  | 23.0  |
| f             | 76.0  | 79.0  | 86.0  | 92.0  | 92.0  | 97.0  |
| Cond. mm² min | 1     | 1     | 1     | 2.5   | 2.5   | 2.5   |
| Cond. mm² max | 2.5   | 2.5   | 2.5   | 6     | 6     | 6     |

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### Connector TE-Plus with Multi-Grip

- Screwless terminals
- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44



Fig.: Type 31981

|    | 3              | 4             | 5               | 110V<br>50-60 Hz           | 230V<br>50-60 Hz           | 400V<br>50-60 Hz           | 500V<br>50-60 Hz           | 100-300Hz<br>> 50V            | 301-500Hz<br>> 50V         |     | g    |
|----|----------------|---------------|-----------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|-----|------|
|    | 2P+E<br>Ampere | 3P+E<br>Poles | 3P+N+E<br>Poles | 3pol 4pol 5pol<br>4h 4h 4h | 3pol 4pol 5pol<br>6h 9h 9h | 3pol 4pol 5pol<br>9h 6h 6h | 3pol 4pol 5pol<br>7h 7h 7h | 3pol 4pol 5pol<br>10h 10h 10h | 3pol 4pol 5pol<br>2h 2h 2h | Qty | each |
| 16 | 3              |               |                 | 31659                      | 31533                      | 31665                      | 31955                      | 31956                         | 31957                      | 10  | 145  |
| 16 | 4              |               |                 | 31681                      | 31661                      | 31534                      | 31959                      | 31669                         | 31671                      | 10  | 170  |
| 16 | 5              |               |                 | 31962                      | 31662                      | 31536                      | 31964                      | 31965                         | 31966                      | 10  | 200  |
| 32 | 3              |               |                 | 31967                      | 31968                      | 31666                      | 31970                      | 31971                         | 31972                      | 10  | 265  |
| 32 | 4              |               |                 | 31973                      | 31974                      | 31975                      | 31976                      | 31670                         | 31672                      | 10  | 285  |
| 32 | 5              |               |                 | 31979                      | 31664                      | 31981                      | 31884                      | 31983                         | 31984                      | 10  | 340  |

  

|               |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|
| Ampere        | 16    | 16    | 16    | 32    | 32    | 32    |
| Poles         | 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  |
| Cond. mm² min | 1     | 1     | 1     | 2.5   | 2.5   | 2.5   |
| Cond. mm² max | 2.5   | 2.5   | 2.5   | 6     | 6     | 6     |

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### Connector TE with Multi-Grip

- High-temperature-resistant contact carrier
- Kontex contact
- Nickel plated contacts
- Special gland, simultaneous cable gland and seal
- Protection degree IP44



Fig.: Type 3112

|    | 3              | 4             | 5               | 110V<br>50-60 Hz           | 230V<br>50-60 Hz           | 400V<br>50-60 Hz           | 500V<br>50-60 Hz           | 100-300Hz<br>> 50V            | 301-500Hz<br>> 50V         |     | g    |
|----|----------------|---------------|-----------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|-----|------|
|    | 2P+E<br>Ampere | 3P+E<br>Poles | 3P+N+E<br>Poles | 3pol 4pol 5pol<br>4h 4h 4h | 3pol 4pol 5pol<br>6h 9h 9h | 3pol 4pol 5pol<br>9h 6h 6h | 3pol 4pol 5pol<br>7h 7h 7h | 3pol 4pol 5pol<br>10h 10h 10h | 3pol 4pol 5pol<br>2h 2h 2h | Qty | each |
| 63 | 4              |               |                 |                            |                            | 310490                     | 310492                     |                               |                            | 5   | 740  |
| 63 | 5              |               |                 |                            |                            | 310494                     |                            |                               |                            | 5   | 785  |

Screw terminal:

|    |   |  |  |      |      |      |       |       |       |   |     |
|----|---|--|--|------|------|------|-------|-------|-------|---|-----|
| 63 | 3 |  |  | 3108 | 3104 | 3109 | 31723 | 31606 | 31858 | 5 | 590 |
| 63 | 4 |  |  | 3149 | 3150 | 3151 | 3152  | 31085 | 31642 | 5 | 630 |
| 63 | 5 |  |  | 3153 | 3154 | 3112 | 31086 | 31500 | 31257 | 5 | 670 |

In the case of screw terminal connectors with PILOT, please add -P to the end of the order number.

|               |       |       |       |
|---------------|-------|-------|-------|
| Ampere        | 63    | 63    | 63    |
| Poles         | 3     | 4     | 5     |
| a Ø           | 95.0  | 95.0  | 95.0  |
| b             | 251.0 | 251.0 | 251.0 |
| c             | 109.0 | 109.0 | 109.0 |
| d Ø           | 36.0  | 36.0  | 36.0  |
| Cond. mm² min | 6     | 6     | 6     |
| Cond. mm² max | 16    | 16    | 16    |

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