

# Technisches Datenblatt

## Bezeichnung

|               |          |
|---------------|----------|
| Kategorie     | Einsätze |
| Serie         | IK       |
| Baugröße      | B24      |
| Kontaktanzahl | 4/8+PE   |
| Geschlecht    | Stift    |

## Technische Kennwerte

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Verbindung 1 Typ                | Schraubanschluss - ohne Drahtschutz |
| Bemessungsstrom(IEC)            | 80A                                 |
| Bemessungsspannung(IEC)         | 400V                                |
| Bemessungsstoßspannung          | 6kV                                 |
| Leiterquerschnitt               | 1.5-16mm <sup>2</sup>               |
| Durchgangswiderstand            | <0.3mΩ                              |
| Abisolierlänge                  | 14mm                                |
| Klemmschraube Kontakte Baugröße | M5                                  |
| Anzugsdrehmoment                | Bezogen auf Drahtgröße              |
| Verbindung 2 Typ                | Schraubanschluss - ohne Drahtschutz |
| Bemessungsstrom(IEC)            | 16A                                 |
| Bemessungsspannung(IEC)         | 400V                                |
| Bemessungsstoßspannung          | 6kV                                 |
| Leiterquerschnitt               | 0.5-2.5mm <sup>2</sup>              |
| Abisolierlänge                  | 7.5mm                               |
| Überspannung Kategorie          | III                                 |
| Verschmutungsgrad               | 3                                   |

## Materialeigenschaften

|                                |                        |
|--------------------------------|------------------------|
| Werkstoff(Einsatz)             | Polycarbonat (PC)      |
| Farbe(Einsatz)                 | kiesselgrau (RAL 7032) |
| Brennbarkeitsklasse nach UL 94 | V-0                    |
| Grenztemperatur                | -40...+125°C           |
| Isolationswiderstand           | >10 <sup>10</sup> Ω    |
| Isolierstoffgruppe             | IIIa                   |
| Steckzyklen                    | ≥500                   |

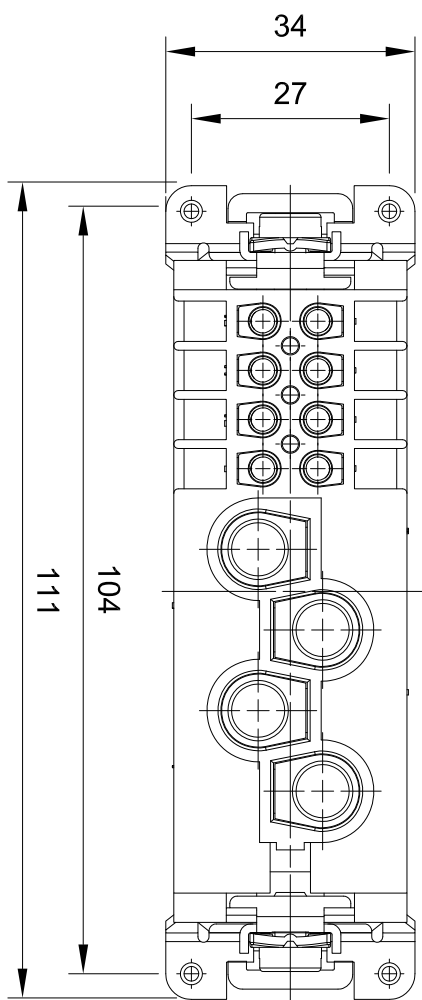
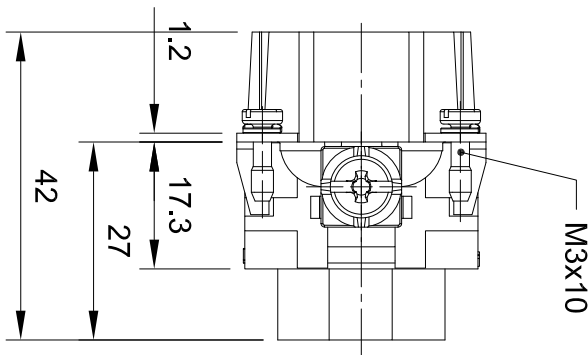
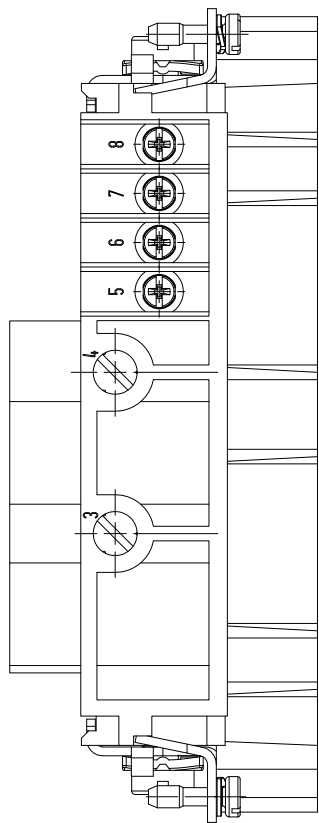
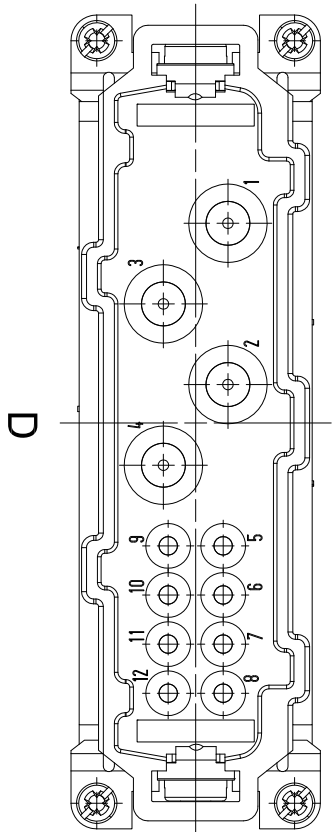
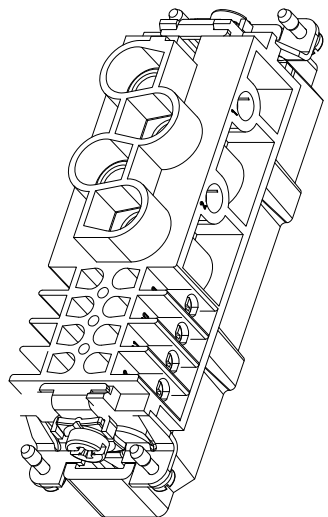
|                                    |                 |
|------------------------------------|-----------------|
| Werkstoff(Crimpanschlusskontakte)  | Kupferlegierung |
| Oberfläche(Crimpanschlusskontakte) | versilbert      |

### Spezifikationen und Zulassungen

|            |         |
|------------|---------|
| CE         | Ja      |
| RoHS       | Konform |
| China RoHS | Konform |

### Kaufmännische Daten

|                              |          |
|------------------------------|----------|
| Herkunftsland                | China    |
| europäische Zolldtarifnummer | 85366990 |

|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                           |                                                                                      |              |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|--------------------------------------------------------------------------------------|--------------|---|-------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------|-------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|---------------------------|------------------------|-------------|-------------------------|--|--|--|--|--|
|                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                          | 3                         | 4                                                                                    | 5            | 6 |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
| A                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |                           |  |              |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
| B                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                           |   |              |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
| C                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |                           |                                                                                      |              |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
| D                                                                                                                                              | <table><tr><td colspan="2"><br/>All Dimensions in mm<br/>Original Size DIN A4</td><td>Date<br/>2020-11-15</td><td>Drawing No.<br/>TC8091929</td><td>Rev.<br/>A00</td><td>Scale<br/>1:1</td></tr><tr><td colspan="2"><br/>Inkonn®<br/>Inkonn (Suzhou) Electric Technology Co., Ltd.</td><td>Part No.<br/>10 37 012 1100</td><td>Created by<br/>Shuxu Huang</td><td>Checked by<br/>Yiyi Luo</td><td>Page<br/>1/1</td></tr><tr><td colspan="2">Type Name<br/>IK-004/8-M</td><td colspan="4"></td></tr></table> |                            |                           |                                                                                      |              |   | <br>All Dimensions in mm<br>Original Size DIN A4 |  | Date<br>2020-11-15 | Drawing No.<br>TC8091929 | Rev.<br>A00 | Scale<br>1:1 | <br>Inkonn®<br>Inkonn (Suzhou) Electric Technology Co., Ltd. |  | Part No.<br>10 37 012 1100 | Created by<br>Shuxu Huang | Checked by<br>Yiyi Luo | Page<br>1/1 | Type Name<br>IK-004/8-M |  |  |  |  |  |
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| <br>Inkonn®<br>Inkonn (Suzhou) Electric Technology Co., Ltd. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Part No.<br>10 37 012 1100 | Created by<br>Shuxu Huang | Checked by<br>Yiyi Luo                                                               | Page<br>1/1  |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
| Type Name<br>IK-004/8-M                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                           |                                                                                      |              |   |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |
|                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                          | 3                         | 4                                                                                    | 5            | 6 |                                                                                                                                     |  |                    |                          |             |              |                                                                                                                                                |  |                            |                           |                        |             |                         |  |  |  |  |  |