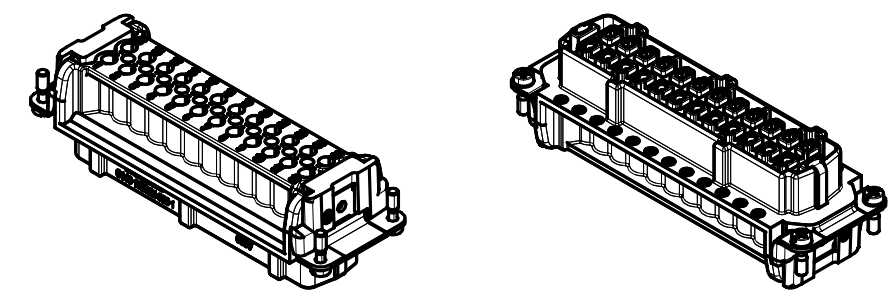
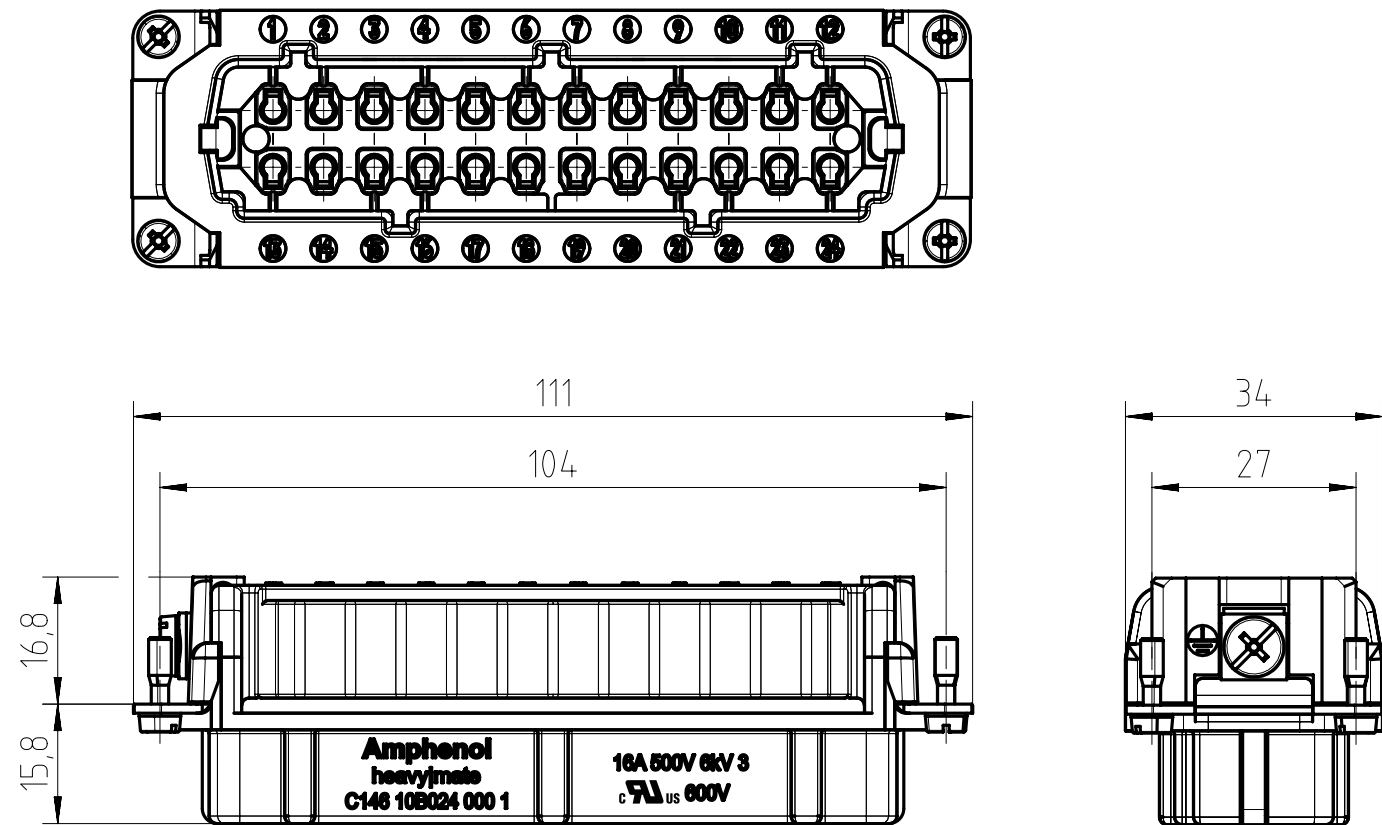


| General Characteristics                | Standard        | Value  |
|--|-----------------|--|
| number of contacts                     |                 | 24 + PE  |
| termination technique                  |                 | crimp  |
| wire gauge                             |                 | 0,5 mm <sup>2</sup> - 4 mm <sup>2</sup><br>AWG 20 - AWG 12 |
| max. insulation diameter               |                 | 4,0 mm   |
| flammability                           | UL 94           | V-0  |
| Electrical Characteristics             | Standard        | Value  |
| rated voltage                          | IEC 60664-1     | 500 V (UL/CSA 600 V)                                       |
| pollution degree                       | IEC 60664-1     | 3  |
| installation (overvoltage) category    | IEC 60664-1     | 3  |
| material group                         | IEC 60664-1     | 3a   |
| rated impulse withstand voltage        | IEC 60664-1     | 6 kV   |
| rated current T <sub>amb</sub> = 40 °C |                 | 16 A   |
| current carrying capacity              | IEC 60512-5-2   | see derating curve   |
| contact resistance                     | IEC 60512-2-1   | ≤ 5 mΩ   |
| insulation resistance                  | IEC 60512-3-1   | ≥ 10 <sup>10</sup> Ω                                       |
| Climatical Characteristics             | Standard        | Value  |
| climatic category                      | IEC 60068-1     | 40 / 125 / 21  |
| upper temperature                      | IEC 60512-11-9  | +125 °C  |
| lower temperature                      | IEC 60512-11-10 | -40 °C   |
| Mechanical Characteristics             | Standard        | Value  |
| mechanical operation                   | IEC 60512-9-1   | ≥500 mating cycles   |
| Materials                              | Standard        | Value  |
| insert                                 |                 | PC   |
| contacts                               |                 | CuZn (brass) /<br>CuSn ( tin bronze)                       |
| contact plating                        |                 | Ag (silver) / Au (gold)                                    |
| color                                  |                 | grey   |



Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen. Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.  
 All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

|                                     |  |                        |  |                            |  |  |  |  |  |
|-------------------------------------|--|------------------------|--|----------------------------|--|--|--|--|--|
| Gewicht (errechnet) / Calc WT: 70 g |  | Zul. Abw./Tolerances:  |  | Maßstab / Scale: 1:1 (1:2) |  | A3   |  |  |  |
| Prüfmaß / Testdimension             |  | ISO 2768-m             |  | DIN / ISO 13715            |  | CUSTOMER DRAWING   |  |  |  |
| Teileindex / Partindexnumber:       |  |                        |  |                            |  |  |  |  |  |
| Bagatelle change:                   |  |                        |  |                            |  | Buchseneinsatz 24-Pol + PE<br>socket insert 24 pole + PE |  |  |  |
|                                     |  |                        |  |                            |  |  |  |  |  |
|                                     |  | Gez. 20.08.2018        |  |                            |  | M C146 10B024 000 1                                      |  |  |  |
|                                     |  | Drawn PWOELFFLE        |  |                            |  |  |  |  |  |
|                                     |  | Status Released        |  |                            |  | Blatt / Sheet 1  |  |  |  |
|                                     |  | Gepr. 23.08.2018       |  |                            |  |  |  |  |  |
|                                     |  | Checked MGRIMM         |  |                            |  | 1 Bl.  |  |  |  |
|                                     |  |                        |  |                            |  |  |  |  |  |
| 03 201800341                        |  | 20.08.2018             |  | PWOLF                      |  | Ers. f. / Replacement for: M-C146 10B024 000 1 Rev.02    |  |  |  |
| Index                               |  | Änderung / Description |  | Datum / Date               |  |  |  |  |  |

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