

# Part number

# CKFD 03



Female insert, CK series, screw terminal connection, 3 poles + PE, 10 A 230/400 V 4 kV 3, size "21.21"

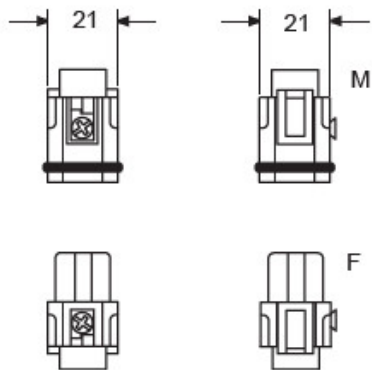
| Product description                    |                                                                 | Material properties          |                                                                                |
|----------------------------------------|-----------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                          | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CK                                                              | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | Screw terminal connection                                       | Colour                       | RAL 7032 grey                                                                  |
| Gender                                 | Female                                                          | RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 3 poles +                                                       | China RoHs - EFUP            | 50                                                                             |
| Size                                   | Size "21.21"                                                    | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                                 | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 10 A                                                            | Approvals / Standards        |                                                                                |
| Voltage                                | 230 - 400 V                                                     | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 4 kV                                                            | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                               | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                           | General ordering information |                                                                                |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                     | EAN13 code                   | 8015747028134                                                                  |
| AWG size                               | 18 - 14                                                         | eCl@ss 8.1                   | 27440205                                                                       |
| Contact type                           | Turned gold plated                                              | ETIM 7.0                     | EC000438                                                                       |
| IP degree of protection                | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure | Packaging Information        |                                                                                |
| Further technical details              |                                                                 | Packaging length             | 210,00 mm                                                                      |
| Characteristics according to EN 61984  | 10A 230/400V 4kV 3; 10A 400/690V 4kV 2                          | Packaging height             | 200,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                           | Packaging width              | 130,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                         | Packaging weight             | 3,00 kg                                                                        |
| Contact resistance                     | ≤ 2 mΩ                                                          | Packaging volume             | 5,46 dm <sup>3</sup>                                                           |
| Weight                                 | 13,00 g                                                         | Packaging description        | Carton box                                                                     |
| Operating temperature range (min, max) | -40°C ... +100°C                                                | Packaging quantity           | 200 Pcs                                                                        |
| Conductors stripping length            | 6 mm                                                            | Packaging EAN code           | 8015747190497                                                                  |
| UL 94 flammability rating              | V-1                                                             | Sub-packaging length         | 197,00 mm                                                                      |
| Torque for main contact                | M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)                              | Sub-packaging height         | 35,00 mm                                                                       |
| Tightening torque for PE connection    | M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)                              | Sub-packaging width          | 113,00 mm                                                                      |
| Tightening torque for fixing screws    | M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)                     | Sub-packaging weight         | 0,60 kg                                                                        |
|                                        |                                                                 | Sub-packaging volume         | 0,78 dm <sup>3</sup>                                                           |
|                                        |                                                                 | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                 | Sub-packaging quantity       | 40 Pcs                                                                         |
|                                        |                                                                 | Sub-packaging EAN barcode    | 8015747111799                                                                  |

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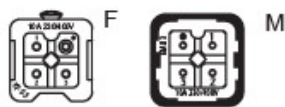
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Catalogue drawings



contacts side (front view)



Derating curves

CKD 03 poles connector inserts  
Maximum current load derating diagram

