

Part number

CKMD 04



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

| Product description | |
|---|---|
| Product type | Insert |
| Series | CK |
| Connection type | Screw terminal connection |
| Gender | Male |
| N. of poles | 4 poles + |
| Size | Size "21.21" |
| Technical data | |
| Current | 10 A |
| Voltage | 230 - 400 V |
| Rated impulse withstand voltage | 4 kV |
| Pollution degree | 3 |
| Rated voltage according to UL/CSA | 600 V |
| Wire cross-section | 0,75 mm ² - 2,50 mm ² |
| AWG size | 18 - 14 |
| Contact type | Turned gold plated |
| IP degree of protection | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure |
| Further technical details | |
| Characteristics according to EN 61984 | 10A 230/400V 4kV 3; 10A 400/690V 4kV 2 |
| Mating cycles | ≥ 500 |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 2 mΩ |
| Weight | 14,00 g |
| Operating temperature range (min, max) | -40°C ... +100°C |
| Conductors stripping length | 6 mm |
| UL 94 flammability rating | V-1 |
| Torque for main contact | M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm) |
| Tightening torque for PE connection | M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm) |
| Tightening torque for fixing screws | M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm) |

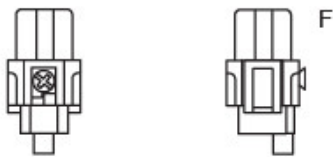
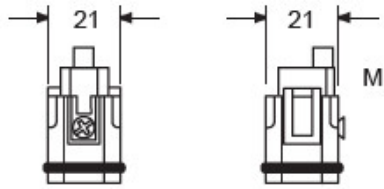
| Material properties | |
|----------------------------------|--|
| Main material | Polycarbonate (PC) |
| Other materials | Contacts: copper alloy Gasket: NBR |
| Colour | RAL 7032 grey |
| RoHs conformity | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP | 50 |
| REACH SVHC substances | Yes Lead |
| SCIP number | 1a9c93ff-0445-4a16-81e3-1609ac5274d6 |
| Approvals / Standards | |
| Reference standard | EN 61984:2009-06 |
| Certifications | CSA, CQC, DNV, BV, EAC |
| UL | ECBT2 |
| General ordering information | |
| EAN13 code | 8015747028387 |
| eCl@ss 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |
| Packaging Information | |
| Packaging length | 210,00 mm |
| Packaging height | 200,00 mm |
| Packaging width | 130,00 mm |
| Packaging weight | 3,13 kg |
| Packaging volume | 5,46 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 200 Pcs |
| Packaging EAN code | 8015747028394 |
| Sub-packaging length | 197,00 mm |
| Sub-packaging height | 35,00 mm |
| Sub-packaging width | 113,00 mm |
| Sub-packaging weight | 0,63 kg |
| Sub-packaging volume | 0,78 dm ³ |
| Sub-packaging description | Carton box |
| Sub-packaging quantity | 40 Pcs |
| Sub-packaging EAN barcode | 8015747028400 |

Part number

CKMD 04



Catalogue drawings



contacts side (front view)



Derating curves

CKD 04 poles connector inserts
Maximum current load derating diagram

