


Part number

CKSHM 03



Male insert, CKSH series, SQUICH® spring terminal connection without tools, 3 poles + PE, 10 A 400 V 4 kV 3, size "21.21"

Product description

| | |
|------------------------|--|
| Product type | Insert |
| Series | CKSH |
| Connection type | SQUICH® spring terminal connection without tools |
| Gender | Male |
| N. of poles | 3 poles +  |
| Size | Size "21.21" |

Technical data

| | |
|--|---|
| Current | 10 A |
| Voltage | 400 V |
| Rated impulse withstand voltage | 4 kV |
| Pollution degree | 3 |
| Rated voltage according to UL/CSA | 600 V |
| Wire cross-section | 0,14 mm ² - 2,50 mm ² |
| AWG size | 26 - 14 |
| Contact type | Turned silver plated |
| IP degree of protection | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure |

Further technical details

| | |
|---|---|
| Characteristics according to EN 61984 | 10A 400V 4kV 3; 10A 690V 4kV 2 |
| Mating cycles | ≥ 500 |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 3 mΩ |
| Weight | 16,00 g |
| Operating temperature range (min, max) | -40 °C ... +125 °C |
| Conductors stripping length | 9...11 mm |
| UL 94 flammability rating | V-0 |
| 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

| | |
|-----------------------|-------------------|
| Certifications | DNV, BV, EAC, CQC |
| UL | ECBT2 |
| cUL | ECBT8 |

General ordering information

| | |
|-------------------|---------------|
| EAN13 code | 8015747234603 |
| eCl@ss 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |

Packaging Information

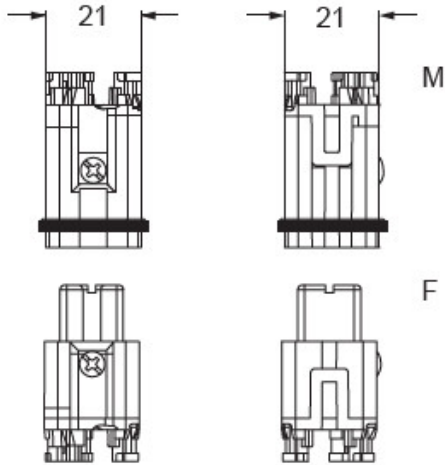
| | |
|----------------------------------|----------------------|
| Packaging length | 226,00 mm |
| Packaging height | 245,00 mm |
| Packaging width | 155,00 mm |
| Packaging weight | 3,55 kg |
| Packaging volume | 8,58 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 200 Pcs |
| Packaging EAN code | 8015747234658 |
| Sub-packaging length | 125,00 mm |
| Sub-packaging height | 43,00 mm |
| Sub-packaging width | 206,00 mm |
| Sub-packaging weight | 0,71 kg |
| Sub-packaging volume | 1,11 dm ³ |
| Sub-packaging description | Carton tray |
| Sub-packaging quantity | 40 Pcs |
| Sub-packaging EAN barcode | 8015747234665 |

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Catalogue drawings



contacts side (front view)



Derating curves

CKSH 03 poles connector inserts
Maximum current load derating diagram

