

# Part number

# CQF 05



Female insert, CQ series, crimp connection, 5 poles + PE, 16 A 230/400 V 4 kV 3, size "21.21"

| Product description                    |                                                                 | Material properties          |                                                                                |
|----------------------------------------|-----------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                          | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CQ                                                              | Colour                       | RAL 7032 grey                                                                  |
| Connection type                        | Crimp connection                                                |                              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| Gender                                 | Female                                                          | RoHs conformity              |                                                                                |
| N. of poles                            | 5 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                                | 16 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, PVVA2                                                                   |
| Rated voltage according to UL/CSA      | 600 V                                                           | cUL                          | ECBT8, PVVA8                                                                   |
| IP degree of protection                | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure | General ordering information |                                                                                |
| Further technical details              |                                                                 | EAN13 code                   | 8015747037297                                                                  |
| Characteristics according to EN 61984  | 16 A 230/400 V 4k V 3; 16 A 320/500 V 4kV 2                     | eCl@ss 8.1                   | 27440205                                                                       |
| Mating cycles                          | ≥ 500                                                           | ETIM 7.0                     | EC000438                                                                       |
| Insulation resistance                  | ≥ 10 GΩ                                                         | Packaging Information        |                                                                                |
| Contact resistance                     | ≤ 1 mΩ                                                          | Packaging length             | 220,00 mm                                                                      |
| Weight                                 | 14,00 g                                                         | Packaging height             | 130,00 mm                                                                      |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                              | Packaging width              | 240,00 mm                                                                      |
| UL 94 flammability rating              | V-0                                                             | Packaging weight             | 3,16 kg                                                                        |
| Tightening torque for PE connection    | M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)                              | Packaging volume             | 6,86 dm³                                                                       |
| Tightening torque for fixing screws    | M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)                     | Packaging description        | Carton box                                                                     |
|                                        |                                                                 | Packaging quantity           | 200 Pcs                                                                        |
|                                        |                                                                 | Packaging EAN code           | 8015747208918                                                                  |
|                                        |                                                                 | 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 dm³                                                                       |
|                                        |                                                                 | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                 | Sub-packaging quantity       | 40 Pcs                                                                         |
|                                        |                                                                 | Sub-packaging EAN barcode    | 8015747037303                                                                  |

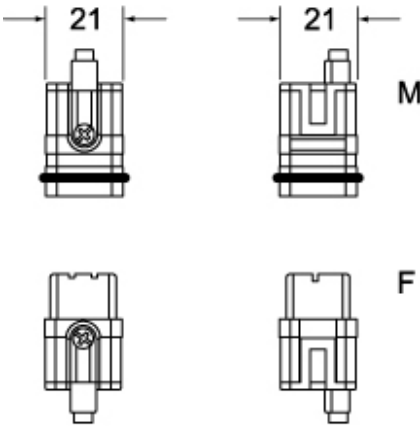
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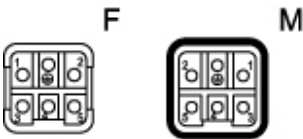


Catalogue drawings

**CQM 05**



**CQF 05**



Catalogue drawings

