

Part number

# CQ4F 03



Female insert, CQ series, crimp connection, 3 poles + PE, 40 A 400 V 6 kV 3, size "21.21", cable diameter up to 7,5 mm

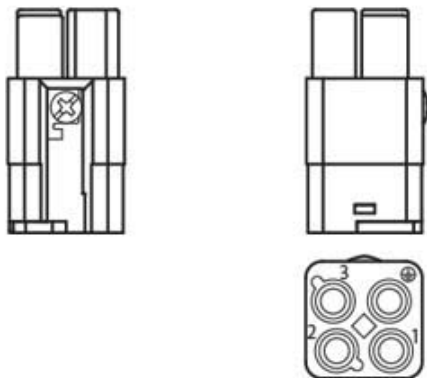
| Product description                    |                                                                                             | Material properties          |                    |
|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|--------------------|
| Product type                           | Insert                                                                                      | Main material                | Polycarbonate (PC) |
| Series                                 | CQ                                                                                          | Colour                       | RAL 7032 grey      |
| Connection type                        | Crimp connection                                                                            | RoHs conformity              | Compliant          |
| Gender                                 | Female                                                                                      | China RoHs - EFUP            | E                  |
| N. of poles                            | 3 poles +  | REACH SVHC substances        | No                 |
| Size                                   | Size "21.21"                                                                                | Approvals / Standards        |                    |
| Specification                          | Cable diameter up to 7,5 mm                                                                 | Reference standard           | EN 61984:2009-06   |
| Technical data                         |                                                                                             | Certifications               | DNV, BV, EAC       |
| Current                                | 40 A                                                                                        | UL                           | ECBT2, PVVA2       |
| Voltage                                | 400 V                                                                                       | cUL                          | ECBT8, PVVA8       |
| Rated impulse withstand voltage        | 6 kV                                                                                        | General ordering information |                    |
| Pollution degree                       | 3                                                                                           | EAN13 code                   | 8015747222839      |
| Rated voltage according to UL/CSA      | 600 V                                                                                       | eCl@ss 8.1                   | 27440205           |
| IP degree of protection                | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure                             | ETIM 7.0                     | EC000438           |
| Further technical details              |                                                                                             | Packaging Information        |                    |
| Mating cycles                          | ≥ 500                                                                                       | Packaging length             | 200,00 mm          |
| Insulation resistance                  | ≥ 10 GΩ                                                                                     | Packaging height             | 245,00 mm          |
| Contact resistance                     | ≤ 0,3 mΩ                                                                                    | Packaging width              | 146,00 mm          |
| Weight                                 | 11,50 g                                                                                     | Packaging weight             | 2,62 kg            |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                          | Packaging volume             | 7,15 dm³           |
| UL 94 flammability rating              | V-0                                                                                         | Packaging description        | Carton box         |
| Tightening torque for fixing screws    | M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)                                                 | Packaging quantity           | 200 Pcs            |
|                                        |                                                                                             | Packaging EAN code           | 8015747237154      |
|                                        |                                                                                             | Sub-packaging length         | 116,00 mm          |
|                                        |                                                                                             | Sub-packaging height         | 43,00 mm           |
|                                        |                                                                                             | Sub-packaging width          | 180,00 mm          |
|                                        |                                                                                             | Sub-packaging weight         | 0,52 kg            |
|                                        |                                                                                             | Sub-packaging volume         | 0,90 dm³           |
|                                        |                                                                                             | Sub-packaging description    | Carton tray        |
|                                        |                                                                                             | Sub-packaging quantity       | 40 Pcs             |
|                                        |                                                                                             | Sub-packaging EAN barcode    | 8015747222877      |

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Catalogue drawings



Derating curves

**CQ4 03 poles connector inserts**  
**Maximum current load derating diagram**

