


Part number
RQF 05



Female insert, CQ series, crimp connection, 5 poles + PE, 16 A 230/400 V 4 kV 3, size "21.21", HNM - High Number of Matings series

Product description	
Product type	Insert
Series	CQ
Connection type	Crimp connection
Gender	Female
N. of poles	5 poles + 
Size	Size "21.21"
Specification	HNM - High Number of Matings version
Technical data	
Current	16 A
Voltage	230 - 400 V
Rated impulse withstand voltage	4 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure
Further technical details	
Characteristics according to EN 61984	16A 230/400V 4kV 3; 16A 320/500V 4kV 2
Mating cycles	≥ 5000
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Weight	14,00 g
Operating temperature range (min, max)	-40 °C ... +125 °C
UL 94 flammability rating	V-0
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)

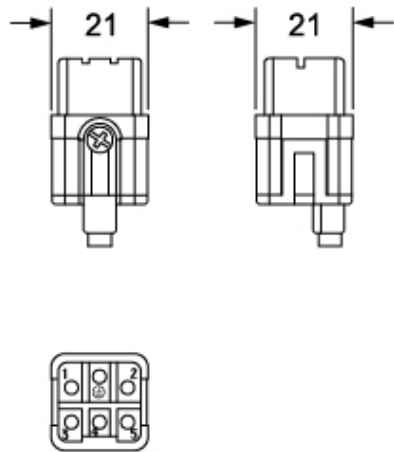
Material properties	
Main material	Polycarbonate (PC)
Colour	RAL 7032 grey
RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
China RoHs - EFUP	50
REACH SVHC substances	Yes Lead
SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Approvals / Standards	
Certifications	DNV
General ordering information	
EAN13 code	8015747174039
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Packaging length	220,00 mm
Packaging height	130,00 mm
Packaging width	240,00 mm
Packaging weight	3,36 kg
Packaging volume	6,86 dm ³
Packaging description	Carton box
Packaging quantity	200 Pcs
Packaging EAN code	8015747174053
Sub-packaging weight	0,02 kg
Sub-packaging description	Plastic bag
Sub-packaging quantity	1 Pcs
Sub-packaging EAN barcode	8015747140089

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Catalogue drawings



Derating curves

RQ 05 poles connector inserts
Maximum current load derating diagram

