

Part number

RQM 05



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

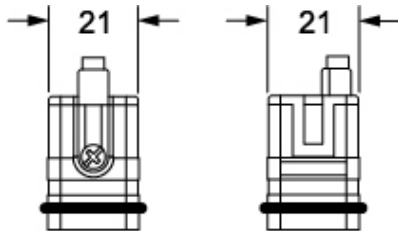
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CQ	Other materials	Gasket: NBR
Connection type	Crimp connection	Colour	RAL 7032 grey
Gender	Male	RoHS conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	5 poles +	China RoHS - EFUP	50
Size	Size "21.21"	REACH SVHC substances	Yes Lead
Specification	HNM - High Number of Matings version	SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		General ordering information	
Current	16 A	EAN13 code	8015747174558
Voltage	230 - 400 V	eCl@ss 8.1	27440205
Rated impulse withstand voltage	4 kV	ETIM 7.0	EC000438
Pollution degree	3	Packaging Information	
Rated voltage according to UL/CSA	600 V	Packaging length	290,00 mm
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure	Packaging height	185,00 mm
Further technical details		Packaging width	280,00 mm
Characteristics according to EN 61984	16A 230/400V 4kV 3; 16A 320/500V 4kV 2	Packaging weight	3,16 kg
Mating cycles	≥ 5000	Packaging volume	15,02 dm³
Insulation resistance	≥ 10 GΩ	Packaging description	Carton box
Contact resistance	≤ 1 mΩ	Packaging quantity	200 Pcs
Weight	15,80 g	Packaging EAN code	8015747174619
Operating temperature range (min, max)	-40 °C ... +125 °C	Sub-packaging weight	0,02 kg
UL 94 flammability rating	V-0	Sub-packaging description	Plastic bag
Tightening torque for PE connection	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)	Sub-packaging quantity	1 Pcs
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	Sub-packaging EAN barcode	8015747140126

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Catalogue drawings



Derating curves

RQ 05 poles connector inserts
Maximum current load derating diagram

