

INDUSTRIAL COMPONENT DATA

K-5E-M40 M9/010-C05/M40 F8 1620378 PHOENIX CONTACT

Connector in molded plastic on both sides

Brand: PHOENIX CONTACT | Manufacturer Part Number: K-5E-M40 M9/010-C05/M40 F8



Manufacturer	PHOENIX CONTACT
MPN / Reference	K-5E-M40 M9/010-C05/M40 F8
Catalog number	1620378
Category	Power cable less 1 kV, for moving application
Minimum order	2 Pcs
Document ID	EO-6E7A8F4537
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Product Overview

Connector in molded plastic on both sides

Plug-in connector coated with plastic on both sides, series: KSM, M40-Female, straight coated by plastic extrusion, number of poles: 2+3+PE, Lock type: Screw lock, to M40-Male, straight coated by plastic extrusion, number of poles: 2+3+PE, cable length: 10 m, shielded: yes, outer wrap color: orange RAL 2003

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1620378

Packing unit 1 pc

Minimum order quantity 2 pc

Note Made to Order (non-returnable)

Catalog page Page 230 (C-2-2017)

GTIN 4046356833899

Weight per Piece (excluding packing) 2.220 g

Custom tariff number 85444290

Country of origin DE (Germany)

Conductor length 10 m

Nominal current 44 A

Connector specifications

Type straight plastic-sheathed

Thread type M40

Locking type Screw locking

Degree of protection IP67, when in locked state

Number of positions 2+3+PE

Direction of rotation Standard

Type of contact Socket

Insertion/withdrawal cycles 50

Contact resistance < 0.3 mΩ

Max. current 70 A

Voltage 630 V

Overvoltage category III

Degree of pollution 3

Rated surge voltage 6 kV

Ambient temperature (operation) -40 °C ... 105 °C

Cable specifications

Type of cable PSLC11Y-J

Shielded yes

Cable structure 4 x 6 mm² + 2 x 1.5 mm²

Cable structure (AWG) 10 AWG/4c + 16 AWG/1pr

External cable diameter 16.3 mm

Outer sheath, material PUR

Material wire insulation TPE

External sheath, color orange RAL 2003

Nominal voltage, cable 1000 V

Test voltage 4 kV (1 kV signal)

Rated current 44 A

Smallest bending radius, fixed installation 66 mm

Smallest bending radius, movable installation 122 mm

Ambient temperature for fixed installation -50 °C ... 90 °C

Ambient temperature for flexible installation -40 °C ... 80 °C

Connector specifications (second page)

Type straight plastic-sheathed

Housing material Zinc die-cast

Thread type M40

Degree of protection IP67, when in locked st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / K-5E-M40 M9/010-C05/M40 F8 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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