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-3945481E82
Generated	2026-11-19

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 m?
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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