INDUSTRIAL COMPONENT DATA

K-7E-M23 M9/2,0-D03/M23 F8 1620412 PHOENIX CONTACT Connector in molded plastic on both sides

Brand: PHOENIX CONTACT | Manufacturer Part Number: K-7E-M23 M9/2,0-D03/M23 F8



Manufacturer	PHOENIX CONTACT
MPN / Reference	K-7E-M23 M9/2,0-D03/M23 F8
Catalog number	1620412
Category	Power cable less 1 kV, for moving application
Minimum order	2 Pcs
Document ID	EO-594FE836B1
Generated	2026-11-19

Product Overview

Connector in molded plastic on both sides
Plug-in connector coated with plastic on both sides, series: KSF, M23-Female, straight coated by plastic extrusion, number of poles: 4+3+PE, Lock type: Screw lock, to M23-Male, straight coated by plastic extrusion, number of poles: 4+3+PE, cable length: 2 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 1620412
Packing unit 1 pc
Minimum order quantity 2 pc
Note Made to Order (non-returnable)
Catalog page Page 228 (C-2-2017)
GTIN 4046356831697
Weight per Piece (excluding packing) 780.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Conductor length 2 m
Nominal current 26 A

Connector specifications
Type straight plastic-sheathed
Thread type M23
Locking type Screw locking
Degree of protection IP67, when in locked state
Number of positions 4+3+PE
Direction of rotation Standard
Type of contact Socket
Insertion/withdrawal cycles 50
Contact resistance < 0.3 m?
Max. current 30 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 2.5 mm² + 2 x 2 x 1.0 mm² StC
External cable diameter 13.5 mm ±0.4 mm
Outer sheath, material PUR
Material wire insulation TPM
External sheath, color orange RAL 2003
Nominal voltage, cable 1000 V
Test voltage 4 kV (2 kV signal)
Smallest bending radius, movable installation 135 mm
Number of bending cycles 10000000
Bending radius 135 mm
Traversing path 6 m
Acceleration 5 m/s²
Ambient temperature for fixed installation -40 °C ... 80 °C
Ambient temperature for flexible installation -20 °C ... 60 °C
Special properties Flexible cable conduit capable
Flame resistance IEC 332-1
Halogen-free DIN VDE 0472
Connector specifications (second page)
Type straight plas...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / K-7E-M23 M9/2,0-D03/M23 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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