INDUSTRIAL COMPONENT DATA

HC-MOT-AFL-SET 1409053 PHOENIX CONTACT Housing set

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-MOT-AFL-SET



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-MOT-AFL-SET
Catalog number	1409053
Category	Housing for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-3DC5A8EC0B
Generated	2026-11-18

Product Overview

Housing set
Conn. Pluggable Side Motor, Carc. of embedded metal. EMC incl. crimp contact insert, c. flange seal and protective cap. painted, without contact. engem., carc. c. Thick-coated passivation suitable for painting

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 1409053
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 53 (C-2-2013)
GTIN 4046356619349
Weight per Piece (excluding packing) 259.800 g
Custom tariff number 79070000
Country of origin DE (Germany)
General
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Size MOT
Conductor cross section 0.35 mm² ... 2.5 mm² (Power crimp contacts)

0.14 mm² ... 1 mm² (Control crimp contacts)
Connection cross section AWG 20 ... 14 (Power crimp contacts)
26 ... 18 (Control crimp contacts)
Stripping length of the individual wire 6 mm (Power crimp contacts)
Ambient conditions
Ambient temperature (operation) -30 °C ... 100 °C
Degree of protection IP67
Material data
Seal material EPDM
Housing material PA
Contact material CuZn
Contact surface material Au
Material of contact surface, control contact Au
Contact carrier material PA
Electrical characteristics
Rated voltage (III/3) 250 V (Signal)
Rated surge voltage 6 kV (Phase/housing power circuit)
8 kV (Phase/phase power circuit)
4 kV (Control circuit)
Rated current 16.5 A (power contacts)
2.5 A (control contacts)
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.027140816eCl@ss 4.127140816eCl@ss 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440202eCl@ss 8.027440202eCl@ss 9.027440202
ETIM 4.0EC0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-MOT-AFL-SET 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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