Extract from the online catalog

HC-MOT-AFL-SET

Order No.: 1409053



http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1409053

Plug-in connector on motor side, EMC metal housing attachment incl. crimp contact insert, with flat seal and coated protective cover, without crimp contacts, housing with coatable thick-layer passivation

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data	
EAN	4 046356 619349
sales group	D005
Pack	1 Pcs.
Customs tariff	79070000
Gross weight in pieces	KG
Net weight per piece	KG
Catalog page information	Page 53 (CAT-2-2013)

Technical data

General data

Ambient temperature (operation)	-30 °C ... 100 °C
Pollution degree	3
Surge voltage category	III
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Design	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)
	4.5 mm (Control crimp contacts)

Material data

Inflammability class according to UL 94	V0
Seal material	EPDM
Housing material	GD-Zn
Contact material	Copper alloy
Contact surface material	Au
Material of contact surface, power contact	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)

Certificates / Approvals

Certification cCSAus, GOST

Certifications applied for:

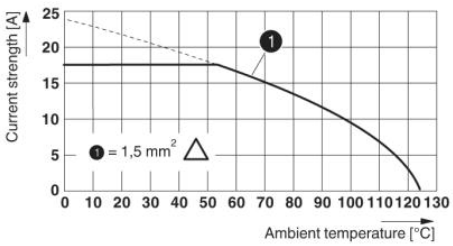
Certification Ex:

Accessories

Item	Designation	Description
General		
1409257	HC-MOT-AFL-FL-DI	Flat gasket for flange
1409147	HC-MOT-SD-L-KU	Coated protective cover for the housing on the motor side
Plug/Adapter		
1600027	CP-HCC 4	Coding profile, Color: red

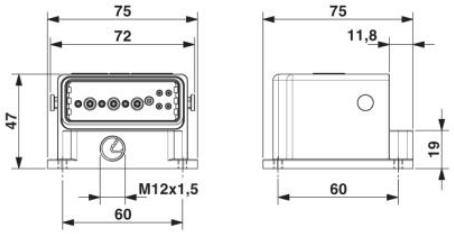
Drawings

Diagram

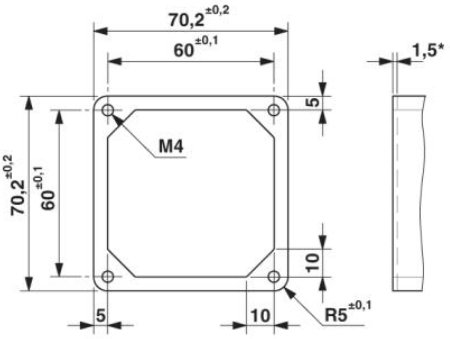


Derating diagram

Dimensioned drawing

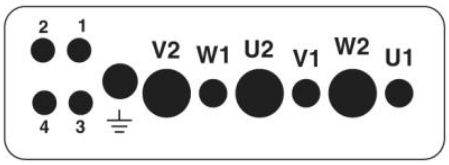


Dimensional drawing



Flange drawing (1.5* interface dimensions up to this height).

Schematic diagram



Connector pin assignment, connection side

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg,Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
http://www.phoenixcontact.com

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