

HC-MOT-TML-SET

Order No.: 1409066

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1409066>

Motor connector for three-phase drive, metal housing with EMC sleeves incl. Push-in contact insert, with screw connections (power and control circuit). With filler plugs in the control cable screw connection, 4-pos. control circuit, with star-delta bridge, with IP54 protective cover.

Commercial data

EAN	4 046356 619363
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)

<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.

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	0.5 mm² ... 2.5 mm² (Power circuit)
	0.5 mm² ... 1.5 mm² (Control circuit)
Connection cross section AWG	20 ... 14
	20 ... 16
Stripping length of the individual wire	12 mm (Push-in Technology)

Material data

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

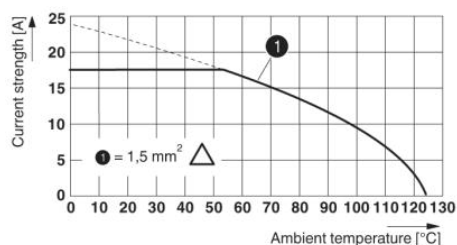
1409134	HC-MOT-SD-FLT-KU-IP54	Protective cover for sleeve housing, IP54
1409150	HC-MOT-ST/DR-BR	Star-delta bridge

Plug/Adapter

1600027	CP-HCC 4	Coding profile, Color: red
---------	----------	----------------------------

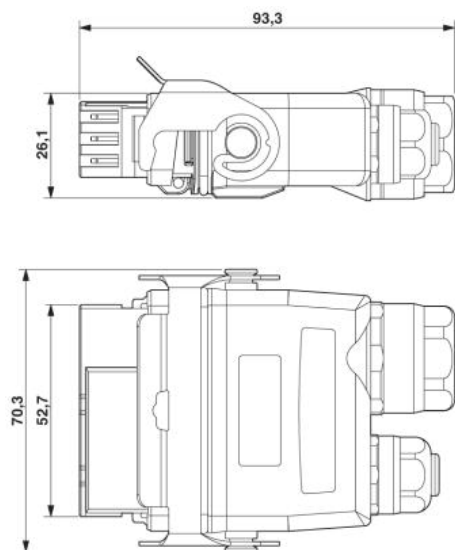
Drawings

Diagram



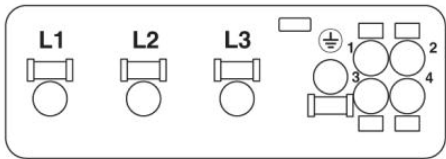
Derating diagram

Dimensioned drawing

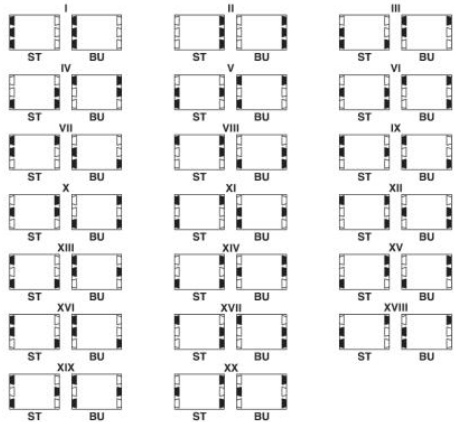


Dimensional drawing

Schematic diagram



Connector pin assignment, connection side



Coding scheme

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>



© 2012 Phoenix Contact
Technical modifications reserved;