

HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Contact insert module, Socket, Screw connection, 0.5 mm² ... 6 mm², application: PE transmission, for housing size HC-EVO-M1

Commercial data

Item number	1424438
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACE
GTIN	4055626372570
Weight per piece (including packing)	20.15 g
Weight per piece (excluding packing)	18.85 g
Customs tariff number	85366990
Country of origin	CN

HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Technical data

Notes

General	For HEAVYCON housing type HC-EVO-M1
General	Connectors may be operated only when there is no load/voltage.

Product properties

Product type	Modular contact insert
Series	HC-EVO-M1
Application	PE transmission
Number of positions	1
Contact material type	turned

Connection data

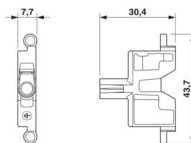
Connection technology

Connection technology	Screw connection
-----------------------	------------------

Conductor connection

Conductor cross section	0.5 mm ² ... 6 mm ²
Connection cross section AWG	20 ... 10
Tightening torque	0.8 Nm ... 1.2 Nm (PE connection) 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Dimensions

Dimensional drawing	
Width	30.6 mm
Height	43.7 mm
Length	7.7 mm
Drill hole distance, horizontal	30.6 mm

Mechanical characteristics

Contact diameter	4 mm
------------------	------

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

Material specifications

Flammability rating according to UL 94	V0
--	----

HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Contact carrier material	Die-cast zinc alloy
--------------------------	---------------------

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
---------------------------------	-------------------

HC-1/2M-UT-F-6-PE - Contact insert module

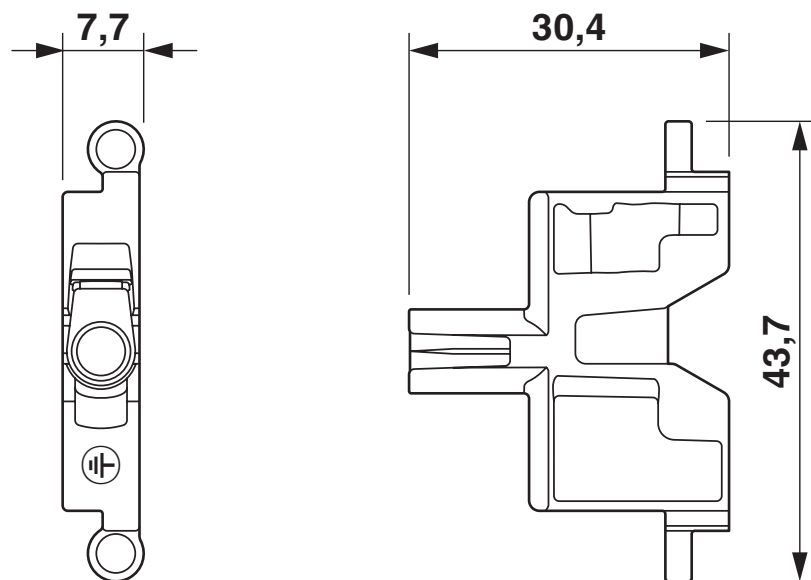
1424438

<https://www.phoenixcontact.com/us/products/1424438>



Drawings

Dimensional drawing



HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424438>

 UL Recognized Approval ID: E468743				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	-	-	- - -	-

HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Classifications

ECLASS

ECLASS-13.0	27440217
ECLASS-15.0	27440217

ETIM

ETIM 9.0	EC000438
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

HC-1/2M-UT-F-6-PE - Contact insert module



1424438

<https://www.phoenixcontact.com/us/products/1424438>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com