PHŒNIX CONTACT

Contact insert - HC-COM-Q08-I-PT-F - 1079554

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Contact insert, number of positions: 8+PE, size: COM, power contacts: 8, control contacts: 0, number of connections per position: 1, Socket, Push-in connection, 320 V, 16 A, 0.5 mm² ... 2.5 mm², application: Power

Product Description

Contact insert, incl. 4 mounting screws

RoHS
COMPLETE free

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626800325

Technical data

General

Note	for flexible conductors with or without ferrules
	Connectors may be operated only when there is no load/voltage.
Connection method	Push-in connection
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	8+PE
No. of power contacts	8
No. of control contacts	0
Insertion/withdrawal cycles	≥ 500
Size	COM
Contact numbering	1 - 8
Conductor cross section	0.5 mm² ... 2.5 mm²
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	10 mm (1.5 mm² ... 2.5 mm² control circuit)

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Technical data

General

Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

Electrical characteristics

Rated voltage for power contacts	500
Rated voltage (III/3)	320 V
Rated voltage (III/2)	500 V
Rated surge voltage	6 kV
Rated current	16 A

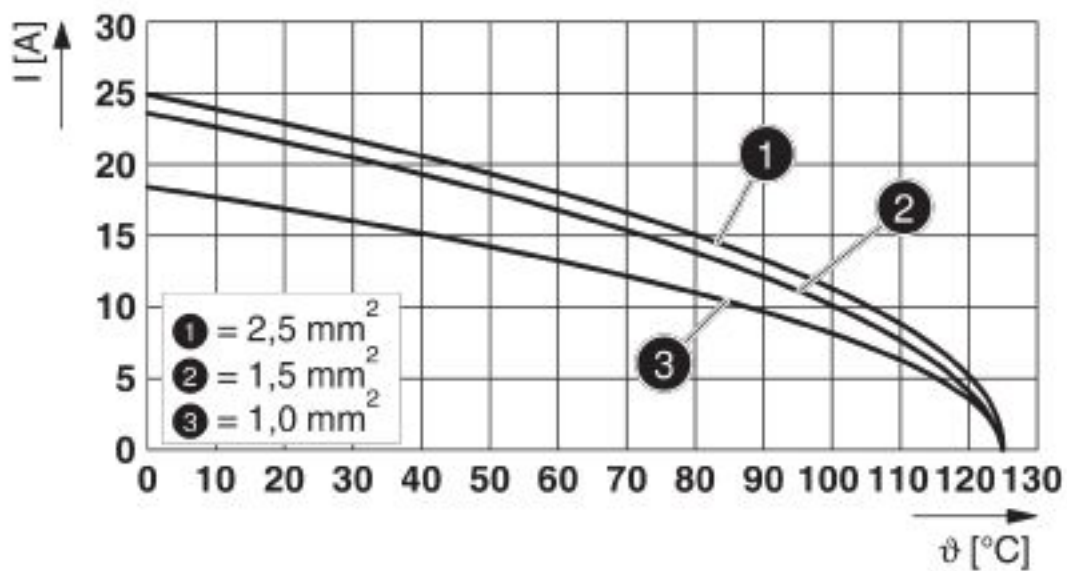### Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

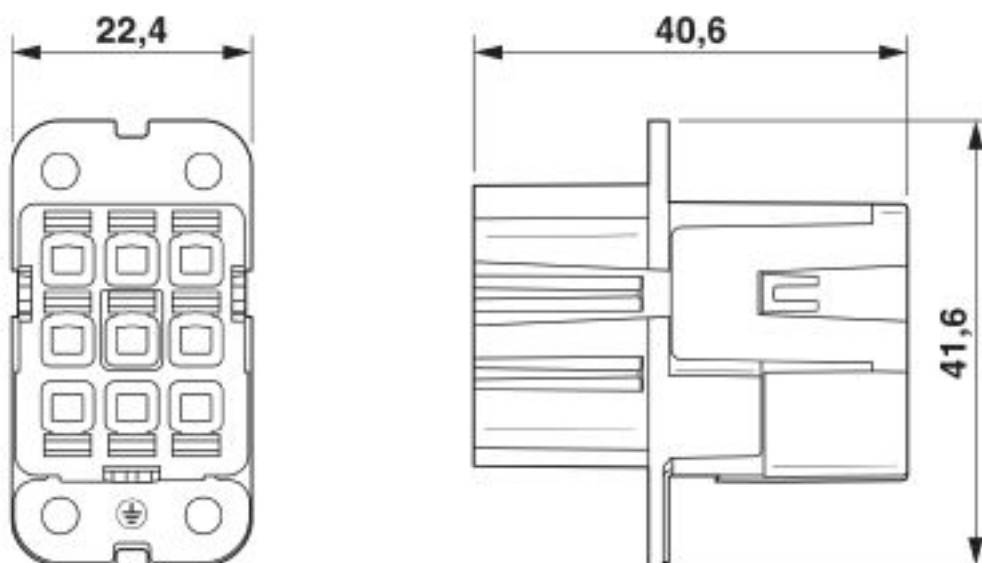| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Contact insert - HC-COM-Q08-I-PT-F - 1079554

Diagram

Derating diagram

Dimensional drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

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Classifications

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

Accessories

Accessories

Coding element

Coding profile - CP-HC-S - 1410916

Coding profile, 4 elements per star, for insertion in a coding keyway, for contact inserts HC-BB... / HC-A10-I-UT... / HC-A16-I-UT...

Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144

Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² … 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154

Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Additional products

Contact insert - HC-COM-Q08-I-PT-M - 1079553

Contact insert, number of positions: 8+PE, size: COM, power contacts: 8, control contacts: 0, number of connections per position: 1, Pin, Push-in connection, 320 V, 16 A, 0.5 mm² ... 2.5 mm², application: Power

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