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Stocking Distributor

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[Phoenix Contact](#)
[1607001](#)

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<https://www.phoenixcontact.com/us/products/1607001>



Contact insert - RC-09P1N8L0000 - 1607001

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Contact insert, Number of positions: 8+1, Type of contact: Male connector, Crimp connection

The figure shows the 6-pos. product version



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	3.89 GRM
Custom tariff number	85389099
Country of origin	Germany

Technical data

General

Insertion/withdrawal cycles mechanical	50
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	9
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	1 mm ²
Litz wire cross section of power contacts max.	1.5 mm ²
Nominal current per power contact at 25°C	20 A
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.14 mm ²
Litz wire cross section of signal contacts max.	0.56 mm ²
Nominal current per signal contact at 25°C	8 A

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Technical data

Material

Insulator material	PA66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating

Specifications according to DIN EN 61984:2001

Nominal / operating voltage of power contacts	300 V
Rated surge voltage of power contacts	2.5 kV
Surge voltage category of power contacts	II
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	300 V
Surge voltage category of signal contacts	II
Pollution degree of signal contacts	3

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

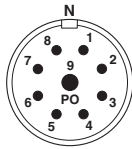
Drawings

<https://www.phoenixcontact.com/us/products/1607001>

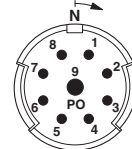


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Schematic diagram



Schematic diagram



Schematic diagram

