

## Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)  
[1603144](#)

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<https://www.phoenixcontact.com/us/products/1603144>



## Contact insert - RC-1RP1NRM0000 - 1603144

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Contact insert, Number of positions: 16+2+PE, 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)	41.19 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	19
Contact diameter of power contacts	1.5 mm
Litz wire cross section of power contacts min.	0.75 mm <sup>2</sup>
Litz wire cross section of power contacts max.	1 mm <sup>2</sup>
Nominal current per power contact at 25°C	10 A
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.25 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	0.5 mm <sup>2</sup>
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	150 V
Rated surge voltage of power contacts	1.5 kV
Surge voltage category of power contacts	II
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	150 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	27261204
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC000438
ETIM 5.0	EC000438

#### UNSPSC

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

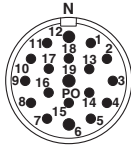
### Drawings

<https://www.phoenixcontact.com/us/products/1603144>

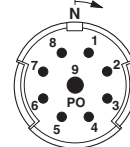


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Schematic diagram



Schematic diagram



Schematic diagram

