

# HC-ARS1NRA80DU - Cable connector



1608323

<https://www.phoenixcontact.com/us/products/1608323>

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Cable connector, application: Signal, straight, Screw locking mechanism, M27, number of positions: 25+PE, contact connection type: Socket, shielded: yes, cable diameter range: 2 mm ... 14.5 mm, number of positions: 26, connection method: Crimp connection, series: HC

## Commercial data

Item number	1608323
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB32
Product key	ABRAJA
GTIN	4046356387194
Weight per piece (including packing)	93.3 g
Weight per piece (excluding packing)	93.3 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Order information:	Order crimp contacts Ø 1 mm separately
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### Product properties

Product type	Circular connector (cable-side)
Series	HC
Application	Signal
Number of positions	26
Connection profile	25+PE
Shielded	yes
Coding	N
Thread type	M27

### Material specifications

Seal material	FPM or NBR or EPDM
Housing material	Metal
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA66
Gasket and O-ring material	FPM

### Connection data

#### Conductor connection

Connection method	Crimp connection
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### Electrical properties

#### Contact: Contact group 1

Contact diameter	1 mm
Nominal current $I_N$	8 A
Nominal voltage $U_N$	150 V
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

#### Contact: Contact group 2

Contact diameter	1 mm
Nominal current $I_N$	8 A
Nominal voltage $U_N$	150 V
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

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## Connector

Type	straight
Direction of rotation	Standard

## Cable/line

External cable diameter	2 mm ... 14.5 mm
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

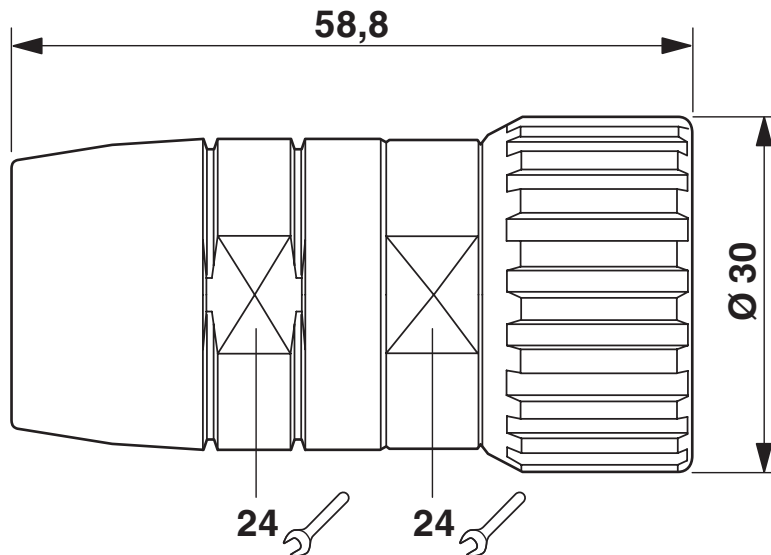
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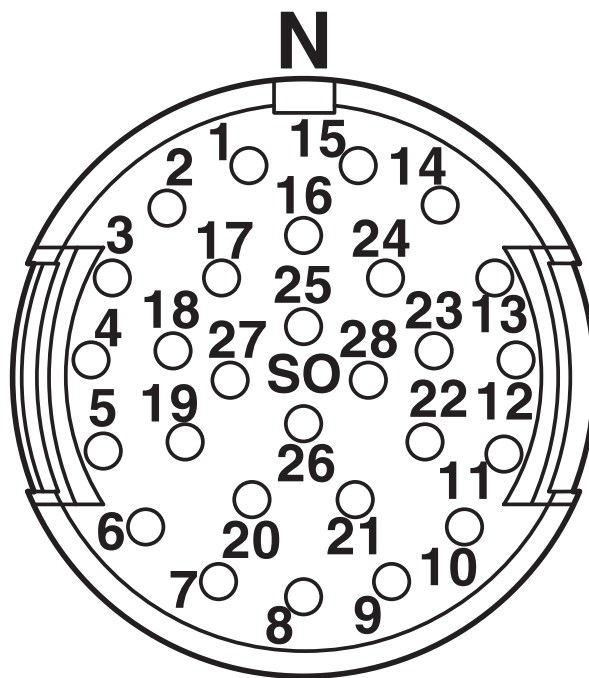
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## Drawings

Dimensional drawing



Schematic diagram



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