

## Coupler connector - CA-1RS1N8A9008 - 1624007

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Coupling connector, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 16+2+PE, type of contact: Socket, Crimp connection, cable diameter range: 10 mm ... 14.5 mm

### Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Crimping connection: vibration- and temperature-resistant assembly

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 227825
GTIN	4055626227825

### Technical data

#### Data of the insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 3 x Ø 1.5 mm separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Signal
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
Nominal voltage, power contact	150 V

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## Technical data

### Data of the insulating body

Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3

### Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

### Cable seal data

Cable diameter	10 mm ... 14.5 mm
Sealing material	NBR

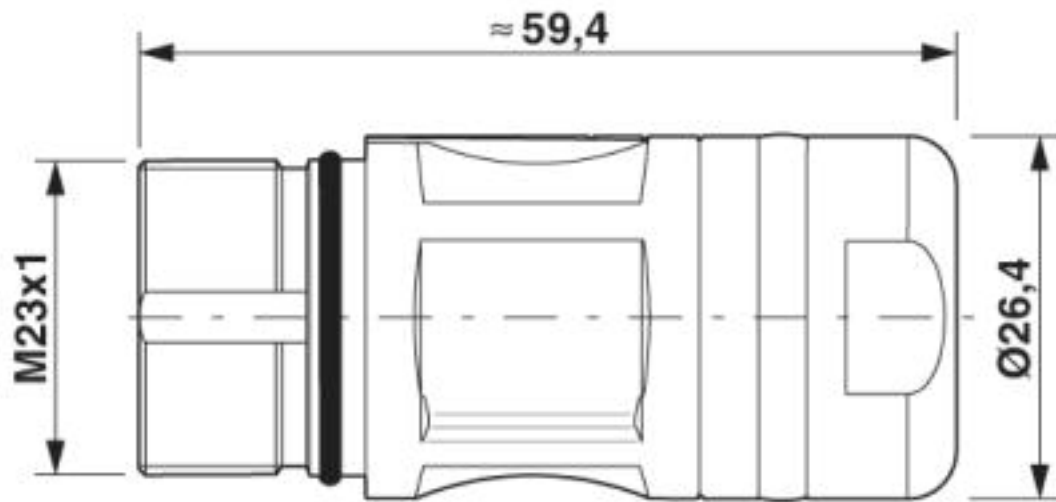
### Environmental Product Compliance

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

## Drawings

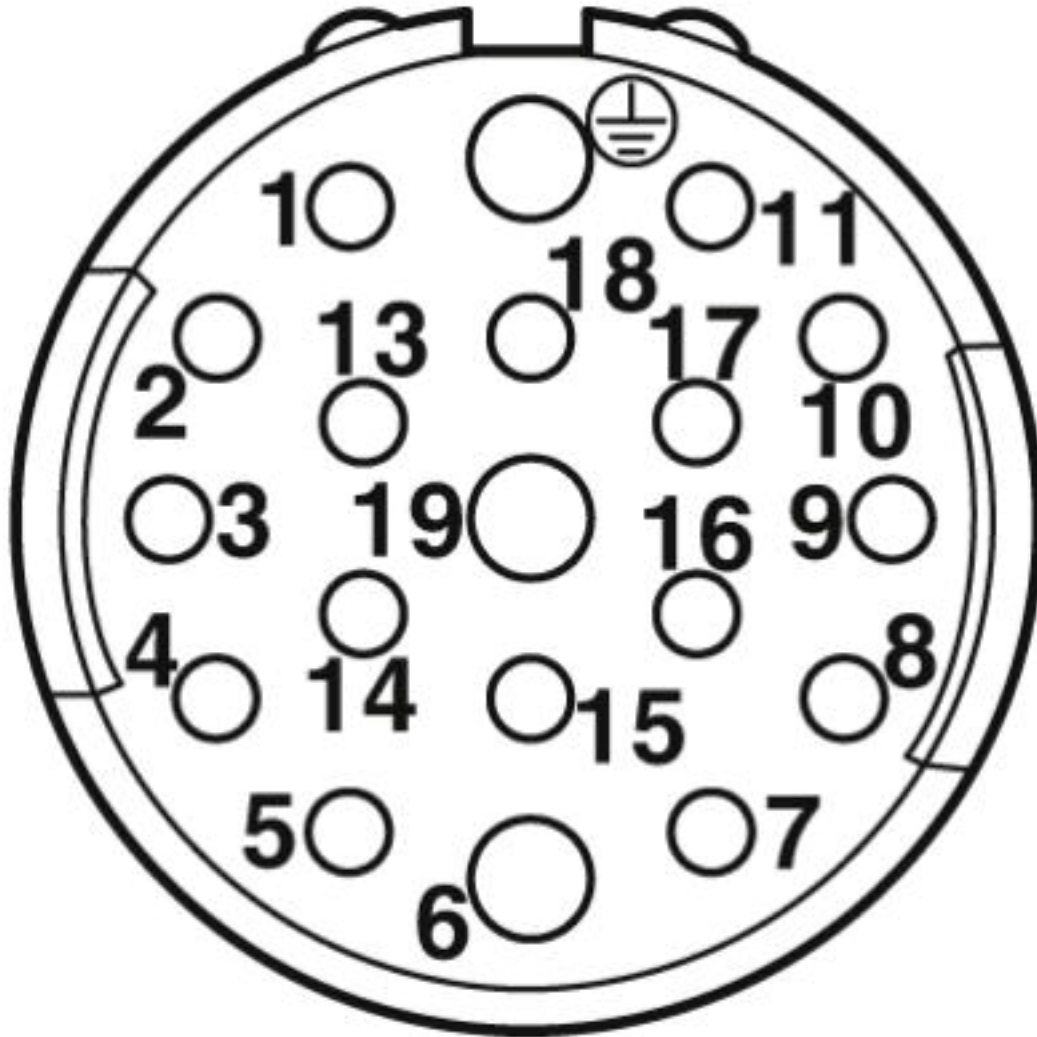
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Dimensional drawing



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Schematic diagram



Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals

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Approval details

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## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210
Nominal voltage UN		150 V
Nominal current IN		8 A
mm <sup>2</sup> /AWG/kcmil		18

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210
Nominal voltage UN		150 V
Nominal current IN		5 A
mm <sup>2</sup> /AWG/kcmil		18

cULus Recognized		
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