

# Product data sheet

## Power connectors

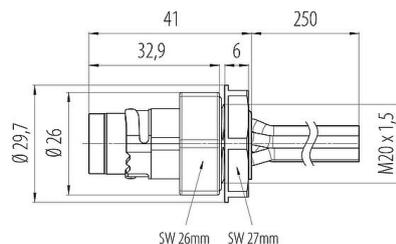


Product description	<b>Bayonet Male panel mount connector, Contacts: 6, shieldable, single wires, IP66/IP67, UL 2237, M20x1.5, Front mounting</b>
Area	<b>PBC15</b>
Series	<b>615</b>
Part no.	<b>09 6121 250 06</b>

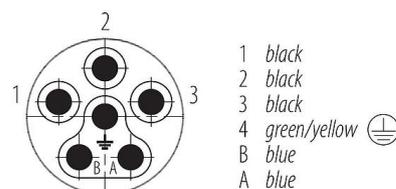
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

## Technical data

### General features

Part no.	<b>09 6121 250 06</b>
Connector design	Male panel mount connector
Wire length	0.25 m
Version	Panel mount Connectors
Connector locking system	Bayonet
Termination	single wires
Degree of protection	IP66/IP67
Connection cross-section	2.50 mm <sup>2</sup> / AWG 14
Temperature range from/to	-35 °C / 90 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	92.90
Customs tariff number	85369010
Country of Origin	DE

### Electrical parameters

Rated voltage	Power: 600 V, Signal: 63 V
Rated impulse voltage	Power: 6000 V, Signal: 1500 V
Pollution degree	3
Overvoltage category	III
Insulating material group	II
EMC compliance	shieldable

### Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PA
Contact material	Copper alloy

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Contact plating	Ag (silver)
Material seal	NBR
SCIP number	SCIP-number not available

#### Authorization/approvals

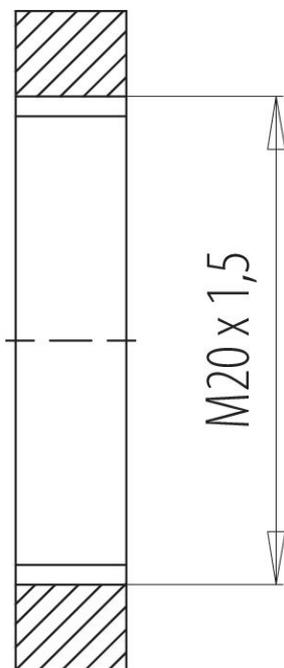
Approvals	UL 2237
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#### Declarations of conformity

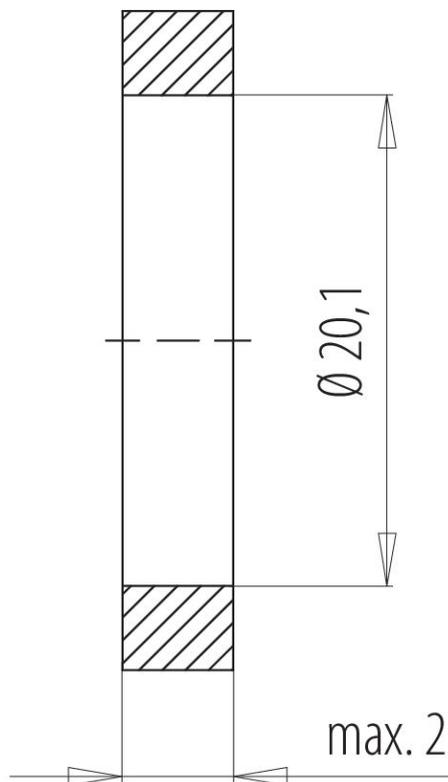
Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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#### Assembly instructions / Panel cut-out

*With thread*



*With bore hole*



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### **General Disclaim Notice**

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).