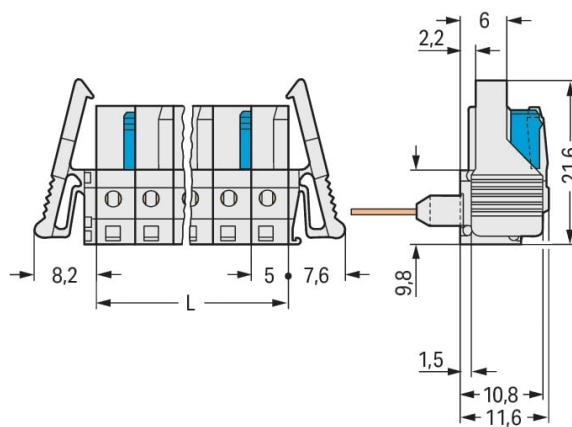


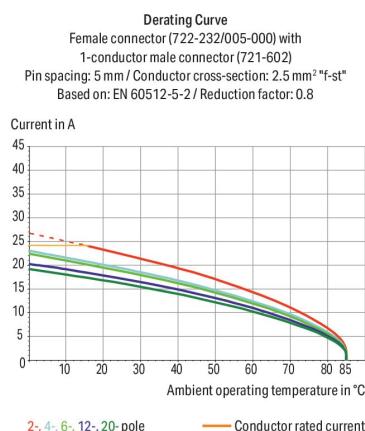
Color: light gray

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$   
 2-pole female connectors – one latch only



- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Female connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Female connectors are touch-proof when unmated, providing a pluggable, live output
- 100 % protected against mismatching
- With coding fingers

## Notes

### Safety information

The **MCS – MULTI CONNECTION SYSTEM** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

### Variants:

### Other pole numbers

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

Ratings per IEC/EN 60664-1		
Overvoltage category	III	III
Pollution degree	3	2
Nominal voltage	320 V	320 V
Rated surge voltage	4 kV	4 kV
Rated current	12 A	12 A

Approvals per UL 1059		
Use group	B	C
Rated voltage	300 V	-
Rated current	15 A	-

Approvals per UL 1977	
Rated voltage	600 V
Rated current	15 A

Approvals per CSA		
Use group	B	C
Rated voltage	300 V	-
Rated current	15 A	-

## Connection data

Connection points	20
Total number of potentials	20
Number of connection types	1
Number of levels	1

Connection 1		
Pole number	20	

## Physical data

Pin spacing	5 mm / 0.197 inches
Width	115.8 mm / 4.559 inches
Height	26.1 mm / 1.028 inches
Height from the surface	11.6 mm / 0.457 inches
Depth	18.25 mm / 0.719 inches

## Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

## Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for front-entry rail-mount terminal block
Mismating protection	Yes
Locking of plug-in connection	Locking lever
Mating direction to the rail-mount terminal block	0 °

## Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.57 MJ
Weight	21.5 g

**Environmental requirements**

Limit temperature range	-60 ... +85 °C
Processing temperature	-35 ... +60 °C

**Commercial data**

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143678919
Customs tariff number	85366990990

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads****Environmental Product Compliance**

## Compliance Search

**Documentation**

## Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	
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**CAD/CAE-Data**

## CAD data



## CAE data



## 1 Compatible Products

### 1.1 System counterpart

#### 1.1.1 Male connector/plug



**Item No.: 721-620**

1-conductor male connector; CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 20-pole; 100% protected against mismatching; 2,50 mm<sup>2</sup>; light gray

## 1.2 Optional Accessories

### 1.2.1 Test and measurement

#### 1.2.1.1 Testing accessories



**Item No.: 231-661**

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm<sup>2</sup>; light gray