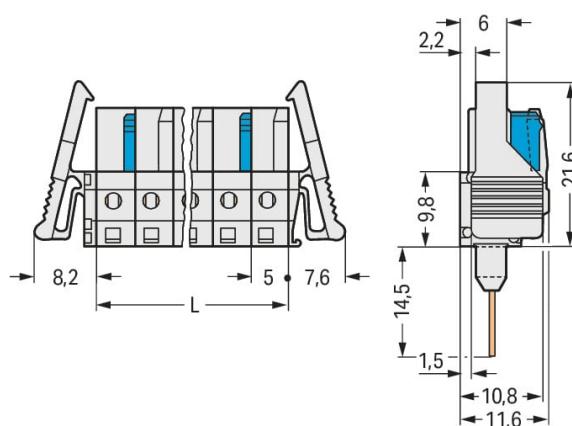


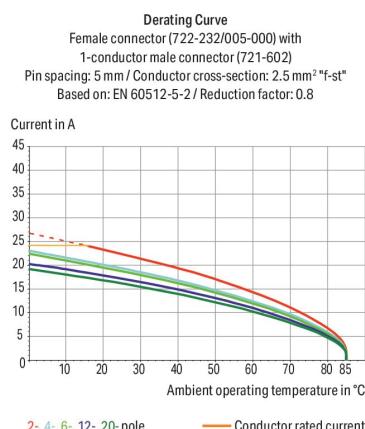
Color: light gray

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	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1		
Pole number	2	

## Physical data

Pin spacing	5 mm / 0.197 inches
Width	25.8 mm / 1.016 inches
Height	36.1 mm / 1.421 inches
Height from the surface	21.6 mm / 0.85 inches
Depth	11.6 mm / 0.457 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	90 °

## 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	0.09 MJ
Weight	3.1 g

## Environmental requirements

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

## Commercial data

Product Group	3 (Multi Conn. System)
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)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918571333
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA	C22.2	1466354	ABS	-	19-HG1869876-PDA
DEKRA Certification B.V.			American Bureau of Shipping		
UR	UL 1977	E45171	DNV	-	TAE000016Z
Underwriters Laboratories Inc.			DNV GL SE		

### Approvals for marine applications



## 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.: 721-602](#)

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

## 1.2 Optional Accessories

## 1.2.1 Installation

## 1.2.1.1 Empty housings

[Item No.: 280-902/056-000](#)

Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type; orange

[Item No.: 280-654/056-000](#)

Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type; orange

[Item No.: 280-650/056-000](#)

Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type; orange

[Item No.: 280-835/056-000](#)

Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type; orange

## 1.2.2 Test and measurement

## 1.2.2.1 Testing accessories

[Item No.: 210-136](#)

Test plug; 2 mm Ø; with 500 mm cable; red

[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