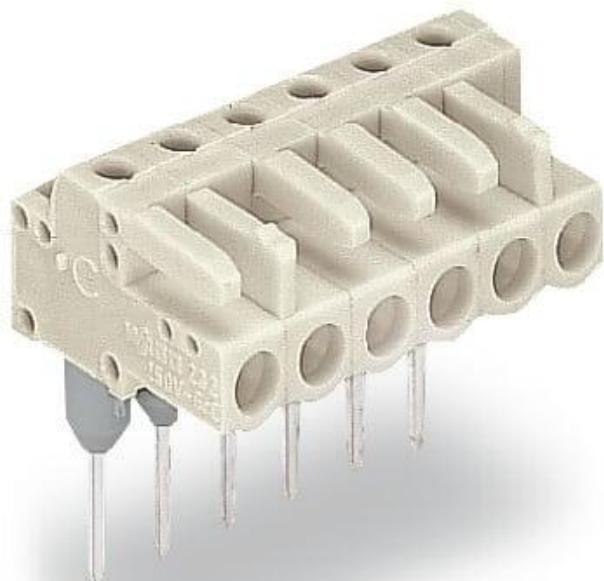


Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled;  
100% protected against mismatching; Pin spacing 5 mm; 16-pole; light gray

[www.wago.com/722-246/005-000](http://www.wago.com/722-246/005-000)



Picture differs from the item.

Color: ■■■■■

#### Derating Curve

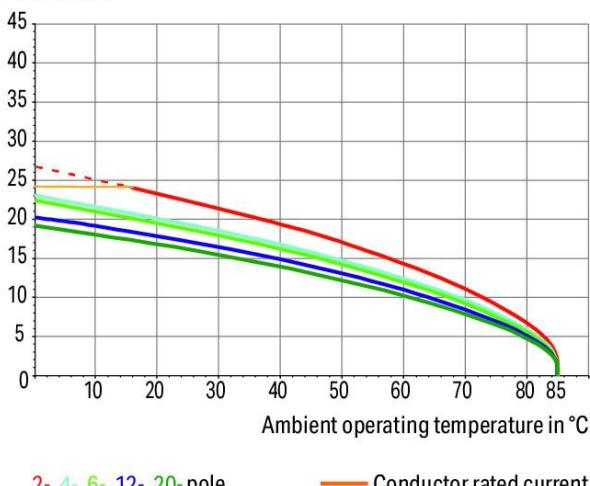
Female connector (722-232/005-000) with

1-conductor male connector (721-602)

Pin spacing: 5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"

Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



Subject to changes. Please also observe the further product documentation!

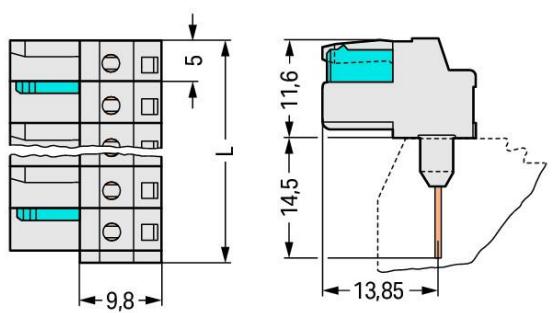
WAGO GmbH & Co. KG

Hansastra. 27  
32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



Dimensions in mm

$$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$$

2-pole female connectors – one latch only

## Item description

- 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

## Data

### 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

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49 571 887-0 | Fax: +49 571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

## Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	320 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) ≈ Overvoltage category III / Pollution degree 2

## Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

## Ratings per UL 1977

Rated voltage (UL 1977)	600 V
Rated current UL 1977	15 A

## Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

## Connection data

Total number of potentials	16
Number of connection types	1
Number of levels	1

Subject to changes. Please also observe the further product documentation!

## Connection 1

Pole number	16
-------------	----

## Physical data

Pin spacing	5 mm / 0.197 inches
Width	81.5 mm / 3.209 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
Plugging without loss of pin spacing	No
Locking of plug-in connection	none
Mating direction to the rail-mount terminal block	0 °

## Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.447 MJ
Weight	16.6 g

Subject to changes. Please also observe the further product documentation!

## 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)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918570572
Customs tariff number	85366990990

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-39756 /A1
	CSA DEKRA Certification B.V.	C22.2	1466354
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 121453
	UR Underwriters Laboratories Inc.	UL 1977	E45171

### Approvals for marine applications

Subject to changes. Please also observe the further product documentation!

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	19- HG1869876- PDA
	<b>DNV</b> DNV GL SE	-	TAE000016Z

## Counterpart



### Item no.721-616

1-conductor male connector; CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 16-pole; 100% protected against mismatching; 2,50 mm<sup>2</sup>; light gray

[www.wago.com  
/721-616](http://www.wago.com/721-616)

## Optional accessories

### Mounting

#### Empty housings



### Item no.: 280-835/056-000

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

[www.wago.com/280-835  
/056-000](http://www.wago.com/280-835/056-000)



### Item no.: 280-902/056-000

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

[www.wago.com/280-902  
/056-000](http://www.wago.com/280-902/056-000)



### Item no.: 280-650/056-000

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

[www.wago.com/280-650  
/056-000](http://www.wago.com/280-650/056-000)



### Item no.: 280-654/056-000

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

[www.wago.com/280-654  
/056-000](http://www.wago.com/280-654/056-000)

### Testing and measuring

#### Testing accessories



### Item no.: 210-136

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

[www.wago.com/210-136](http://www.wago.com/210-136)

### Item no.: 231-661

Subject to changes. Please also observe the further product documentation!



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

[www.wago.com/231-661](http://www.wago.com/231-661)

---

## Tool

Operating tool



Item no.: 280-440

Operating tool; made of insulating material; 10-way

[www.wago.com/280-440](http://www.wago.com/280-440)

---

## Downloads

### Documentation

#### Additional Information

2019 Apr 3

pdf  
2.1 MB

[Download](#)

---

## CAD/CAE-Data

### CAD data

2D/3D Models 722-246/005-000

[URL](#) [Download](#)

### CAE data

EPLAN Data Portal 722-246/005-000

[URL](#) [Download](#)

ZUKEN Portal 722-246/005-000

[URL](#) [Download](#)

EPLAN Data Portal 722-246/005-000

[URL](#) [Download](#)

### Asset Administration Shell

Asset Administration Shell 722-246/005-000

[URL](#) [Download](#)

---

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 722-246/005-000

[URL](#) [Download](#)

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100%  
protected against mismatching; Pin spacing 5 mm; 16-pole; light gray

Subject to changes. Please also observe the further product documentation!

## Installation Notes

### Product family

**MCS MIDI**

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!

---

WAGO GmbH & Co. KG

Hansastraße 27

32423 Minden

Phone: +49 571 887-0 | Fax: +49 571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.