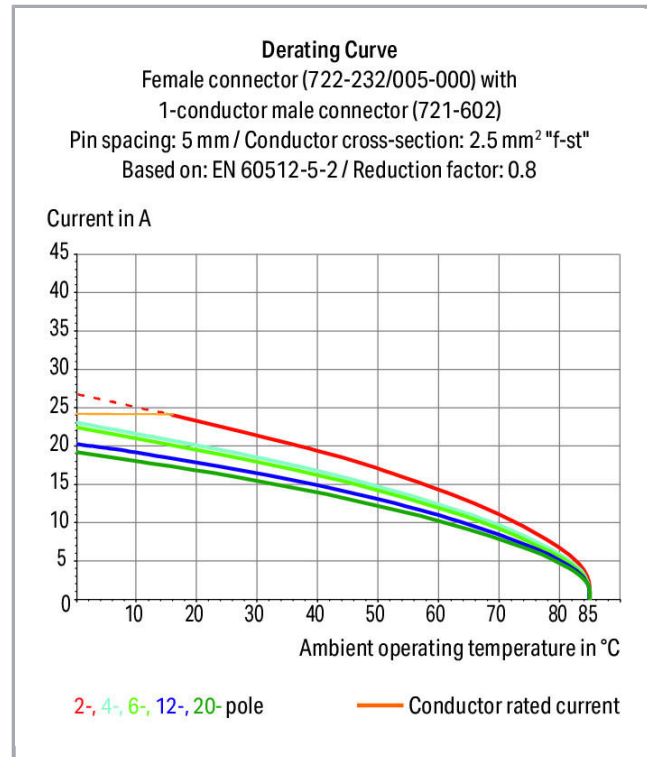
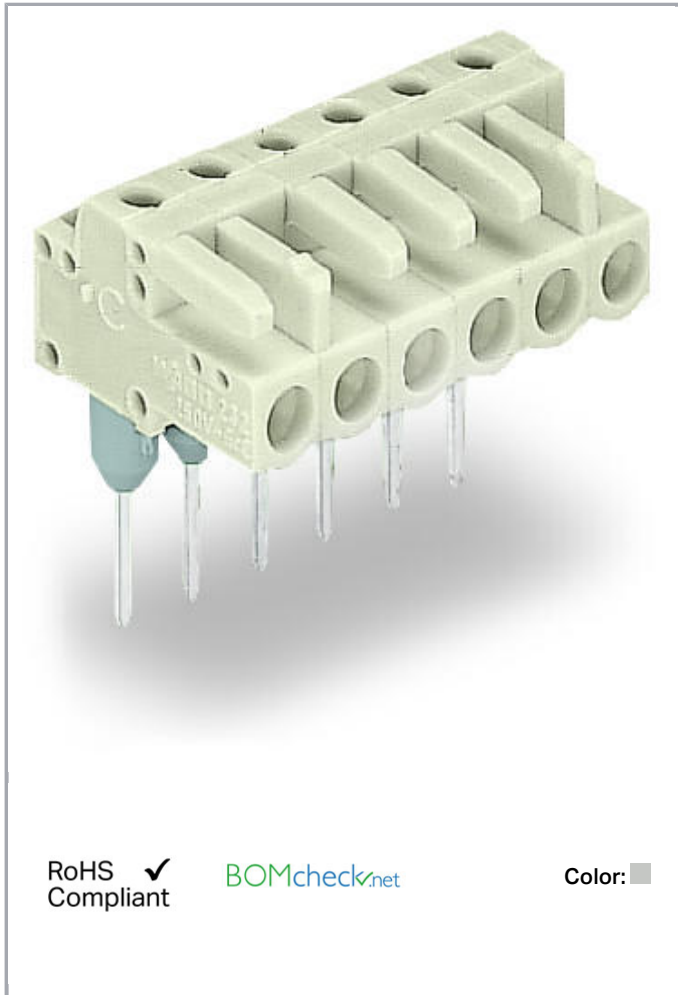


**Data sheet | Item number: 722-250/005-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled;  
100% protected against mismatching; Pin spacing 5 mm; 20-pole; light gray



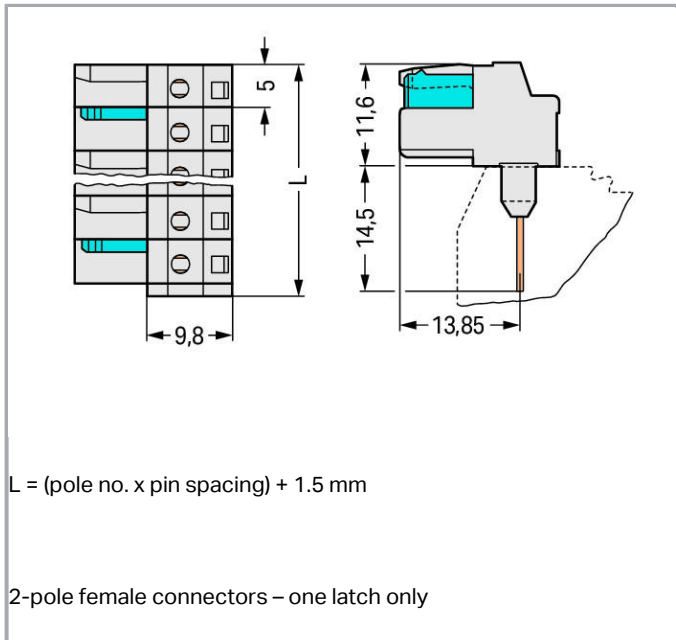
[www.wago.com/722-250/005-000](http://www.wago.com/722-250/005-000)



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

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## 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

### Safety information 1:

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. The circuit design should ensure header pins, which can be touched, are not live when unmated.

## Data

### Electrical data

### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	320 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V

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Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

### 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
Approvals per	UL 1059

### Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	15 A

### 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

No. of poles	20
Total number of potentials	20
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	101,5 mm / 3.996 inch
Height	26,1 mm / 1.028 inch
Height from the surface	11,6 mm / 0.457 inch
Depth	18,25 mm / 0.719 inch

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## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for front-entry rail-mount terminal block
Mismating protection	Yes
Steckrichtung zur Reihenklemme	0°

## Material Data

Color	light gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.352 MJ
Weight	21.1 g

## Environmental Requirements


Limit temperature range	-60 ... +85 °C
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## Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918570589
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-39756
	<b>CSA</b> DEKRA Certification B.V.	C22.2	1466354
	<b>KEMA/KEUR</b>	EN 61984	2190761.01

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



DEKRA Certification B.V.



## Ship Approvals

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

## UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> Underwriters Laboratories Inc.	UL 1059	E45172- 19911118
	<b>UR</b> UL International Germany GmbH	UL 1977	E45171

## Counterpart



Item no. 721-620

1-conductor male connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 20-pole; 2,50 mm<sup>2</sup>; light gray[www.wago.com/721-620](http://www.wago.com/721-620)

## Compatible products

## tools



Item no.: 280-440

Operating tool; made of insulating material; 10-way

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

## General accessories



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)

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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)

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)

#### Test 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.: 210-137

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

[www.wago.com/210-137](http://www.wago.com/210-137)



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

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

#### Downloads

##### Documentation

##### Additional Information

Technical explanations

Apr 3, 2019

pdf  
3.6 MB

[Download](#)

##### CAD/CAE-Data

###### CAD data

2D/3D Models 722-250/005-000

[URL](#)

[Download](#)

###### CAE data

EPLAN Data Portal 722-250/005-000

[URL](#)

[Download](#)

##### Installation Notes

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## Product family

<i>MCS</i> MIDI

[Learn more about the product family.](#)

[Show all products from the family](#)

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