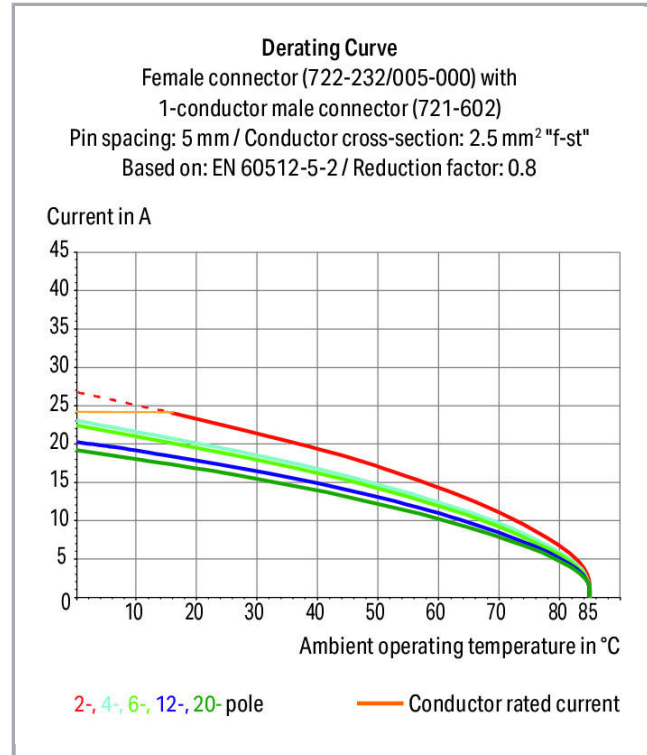
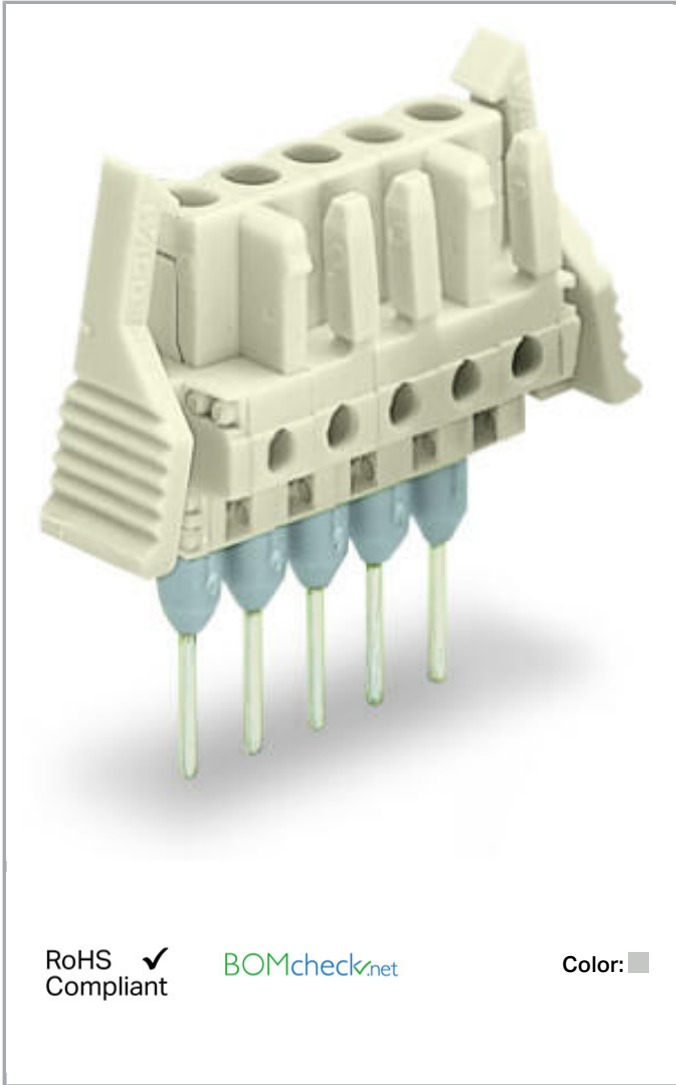


**Data sheet | Item number: 722-137/005-000/039-000**

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole; light gray



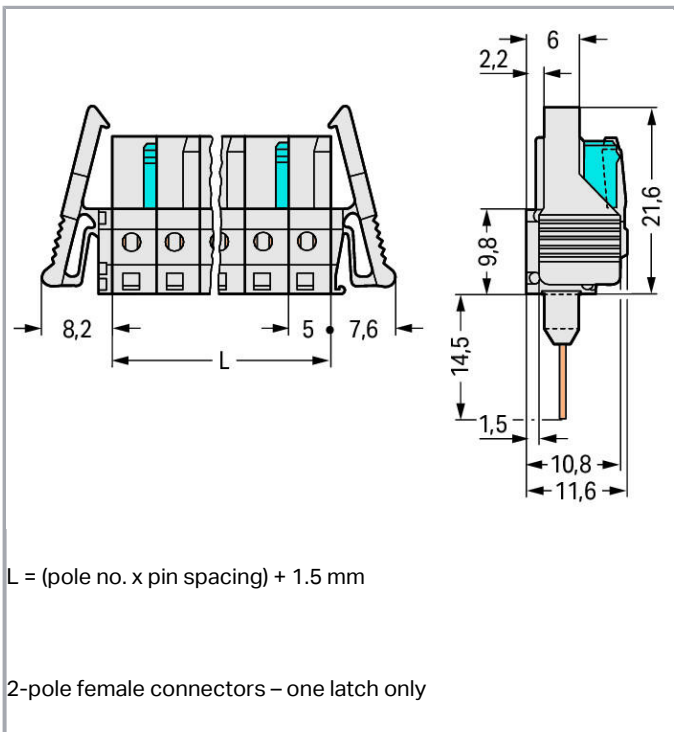
[www.wago.com/722-137/005-000/039-000](http://www.wago.com/722-137/005-000/039-000)



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

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 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)

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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 *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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

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Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
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	7
Total number of potentials	7
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	50.8 mm / 2 inch
Height	36.1 mm / 1.421 inch
Height from the surface	21.6 mm / 0.85 inch

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Depth	11.6 mm / 0.457 inch
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### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for front-entry wiring terminal block
Mismating protection	Yes
Locking of plug-in connection	locking lever
Steckrichtung zur Reihenklemme	90°

### 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	0.151 MJ
Weight	8.3 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	4044918571449
Customs Tariff No.	85366990990


### Approvals / Certificates

#### Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	1466354

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

## 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. 721-607

1-conductor male connector; 100% protected against mismatching; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray[www.wago.com/721-607](http://www.wago.com/721-607)

## Compatible products

## 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)

## 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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Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

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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)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 722-137/005-000/039-000	URL	Download
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### CAE data

EPLAN Data Portal 722-137/005-000/039-000	URL	Download
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## Installation Notes

## Product family

**<i>MCS</i> MIDI**

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

[Show all products from the family](#)

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