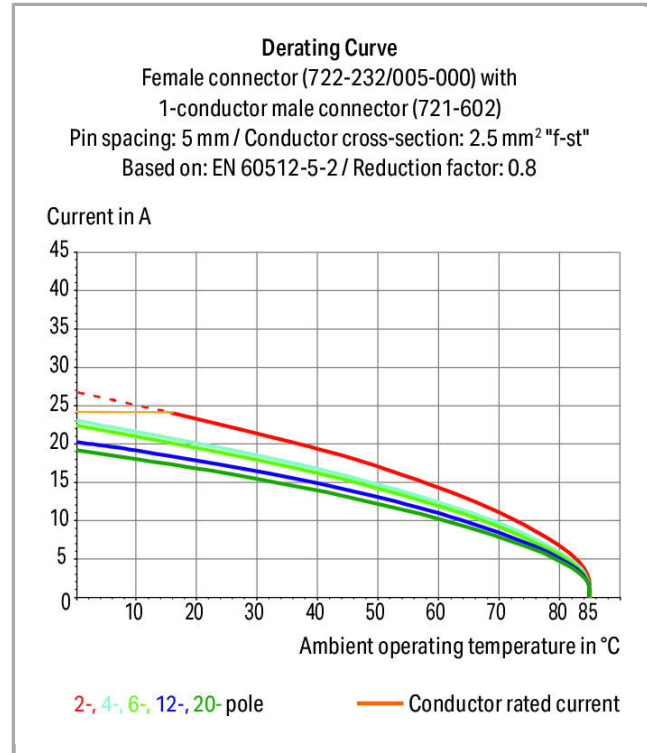
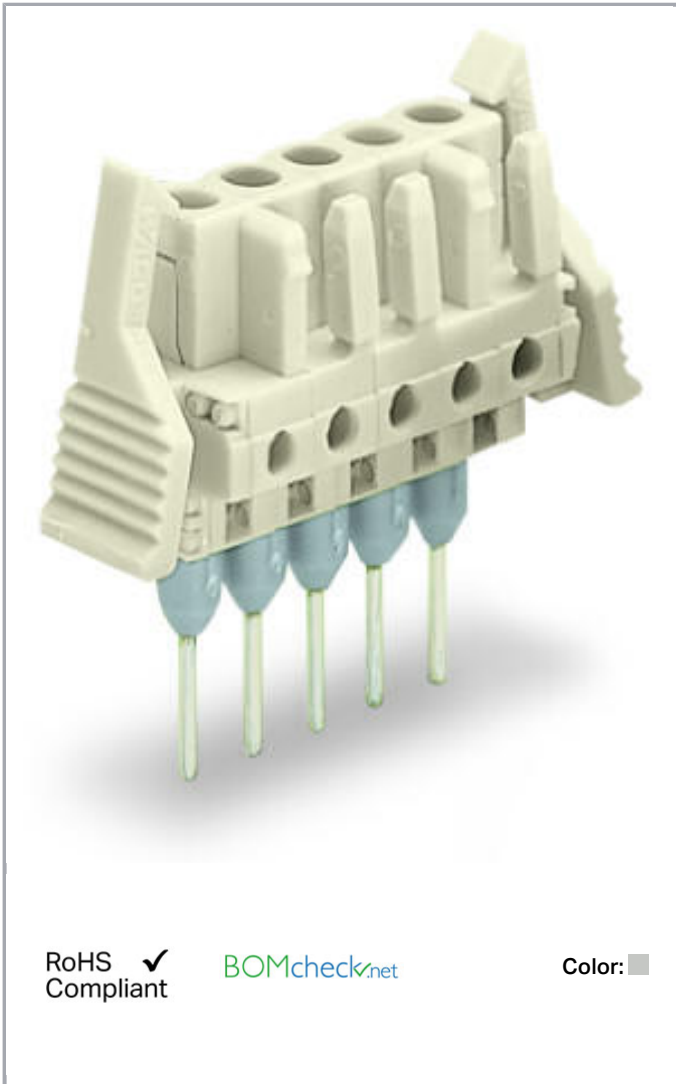


Data sheet | Item number: 722-146/005-000/039-000

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



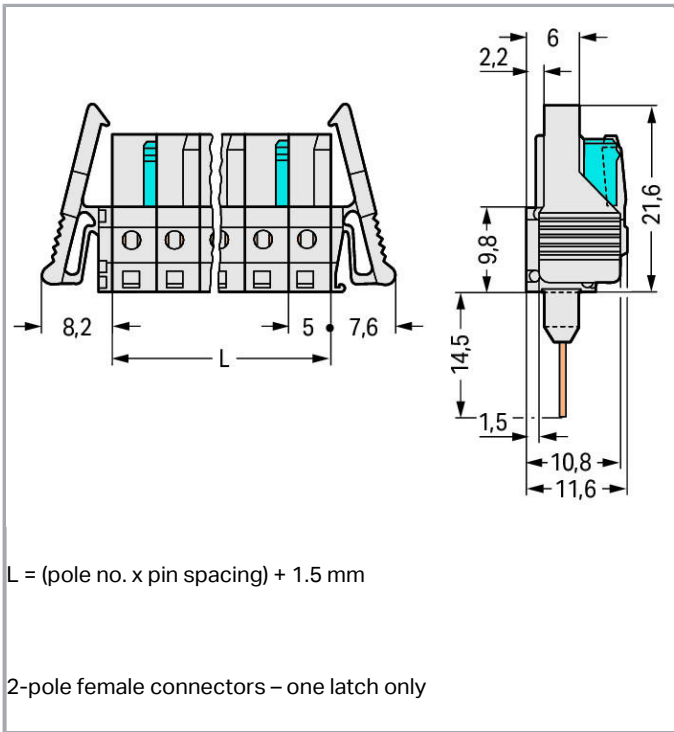
www.wago.com/722-146/005-000/039-000



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

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	95.8 mm / 3.772 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	0.307 MJ
Weight	17.7 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	4044918571524
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
	ABS American Bureau of Shipping	-	19- HG1869876- PDA

UL-Approvals

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

Counterpart



Item no. 721-616

1-conductor male connector; 100% protected against mismatching; 2.5 mm²; Pin spacing 5 mm; 16-pole; 2,50 mm²; light graywww.wago.com/721-616

Compatible products

Test Accessories



Item no.: 210-136

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

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

Item no.: 231-661

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm²; light graywww.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

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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

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

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

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 722-146/005-000/039-000	URL	Download
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CAE data

EPLAN Data Portal 722-146/005-000/039-000	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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