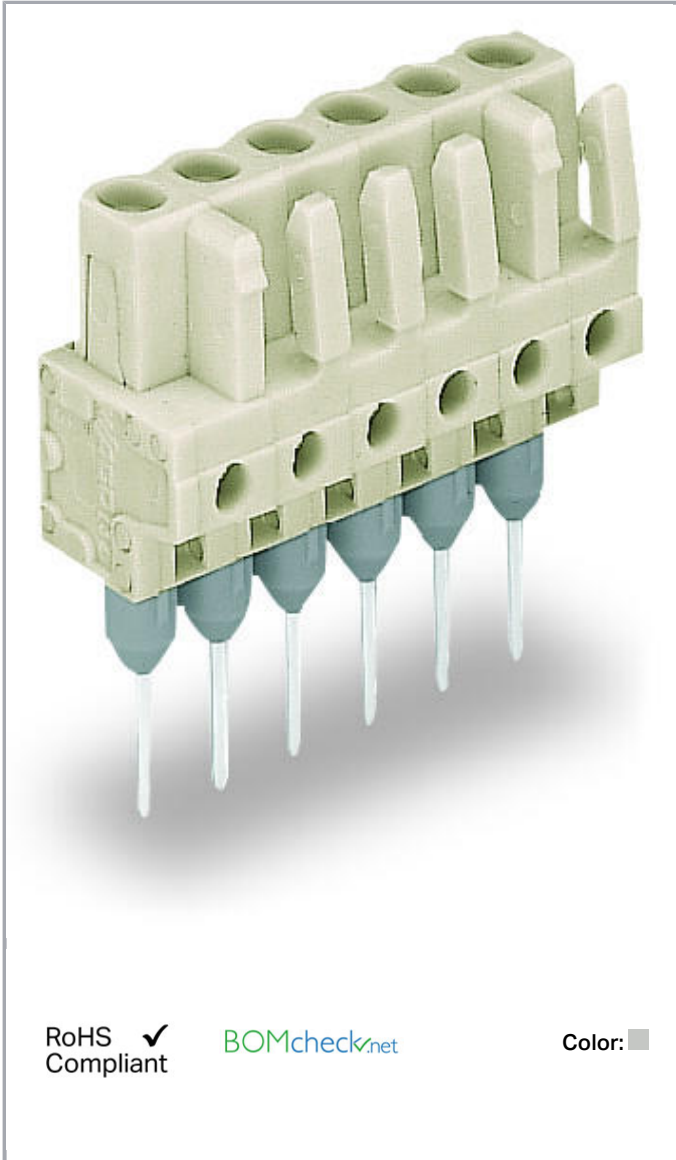


Data sheet | Item number: 722-140/005-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole; light gray



www.wago.com/722-140/005-000



RoHS Compliant

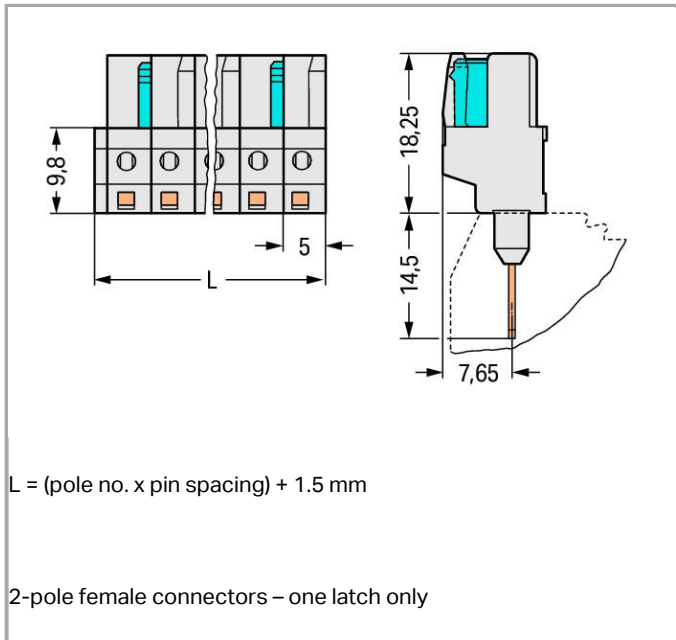
BOMcheck.net

Color:

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 | Web: 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 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

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

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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	10
Total number of potentials	10
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	51,5 mm / 2.028 inch
Height	32,75 mm / 1.289 inch
Height from the surface	18,25 mm / 0.719 inch
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 rail-mount terminal block
Mismating protection	Yes
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	0.179 MJ
Weight	10.6 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	4044918570404
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-39756
	CSA DEKRA Certification B.V.	C22.2	1466354
	KEMA/KEUR	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
	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. 721-610

1-conductor male connector; 100% protected against mismatching; 2.5 mm²; Pin spacing 5 mm; 10-pole; 2,50 mm²; light graywww.wago.com/721-610

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

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

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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
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 722-140/005-000	URL	Download
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CAE data

EPLAN Data Portal 722-140/005-000	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](#)

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