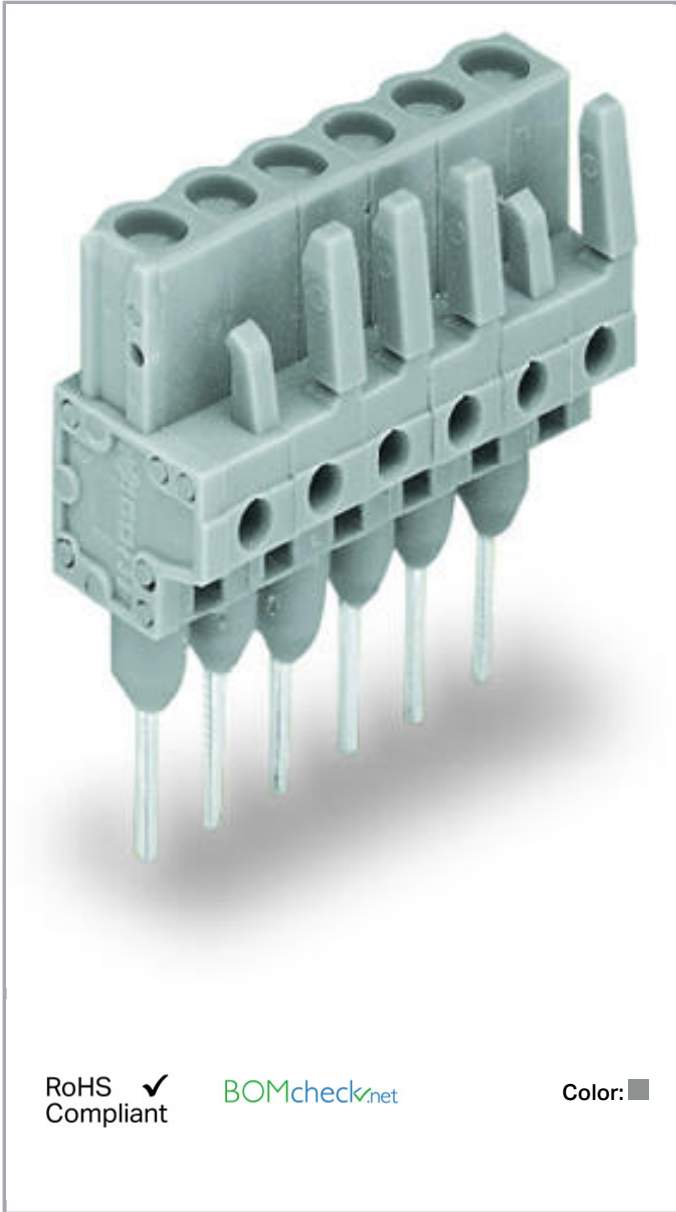


Data sheet | Item number: 232-142/005-000

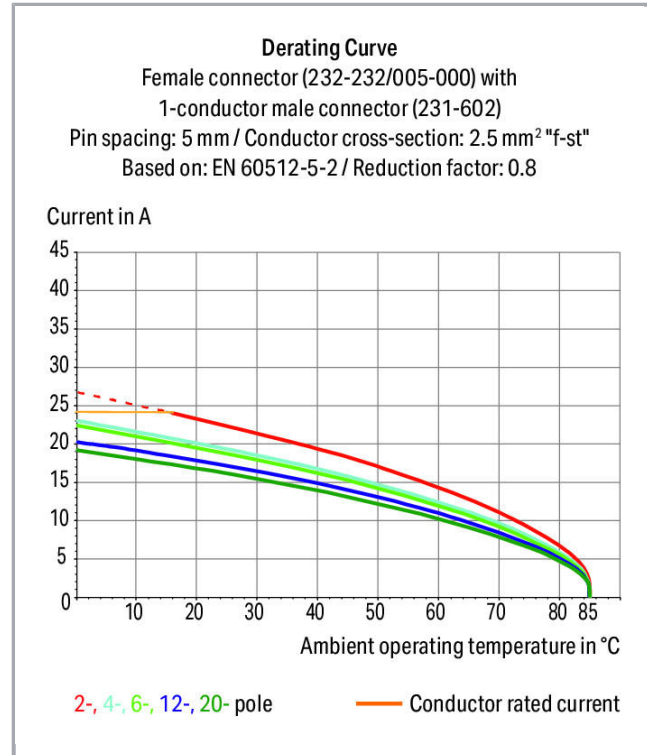
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight;
Pin spacing 5 mm; 12-pole; gray

www.wago.com/232-142/005-000



RoHS Compliant

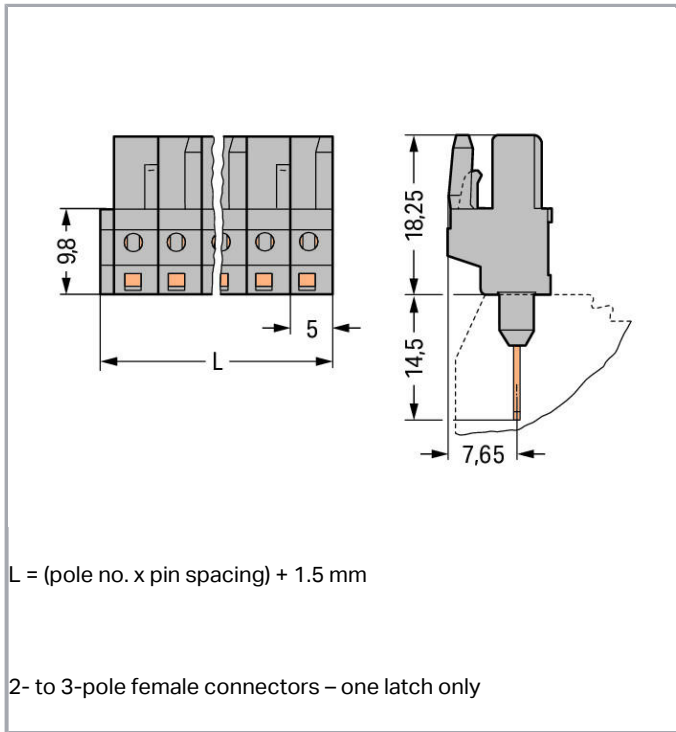
Color:



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
- 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

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

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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) ≙ 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	12
Total number of potentials	12
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	61,5 mm / 2.421 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	No
Steckrichtung zur Reihenklemme	90°

Material Data

Color	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	0.223 MJ
Weight	12.6 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	4044918569736
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.



UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1977	E45171
	UL Underwriters Laboratories Inc.	UL 1059	20190731-E45172

Counterpart



Item no.231-612

1-conductor male connector; 2.5 mm²; Pin spacing 5 mm; 12-pole; 2,50 mm²; gray

www.wago.com/231-612

Compatible products

Test Accessories



Item no.: 231-661

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

www.wago.com/231-661

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 232-142/005-000	URL	Download
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CAE data

EPLAN Data Portal 232-142/005-000

URL

Download

Installation Notes

Product family

MCS MIDI Classic

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

[Show all products from the family](#)

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