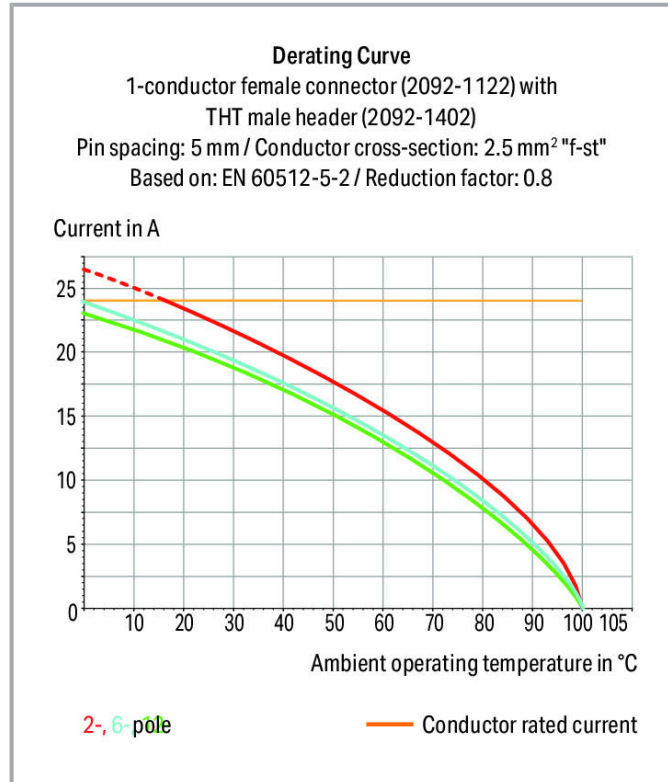
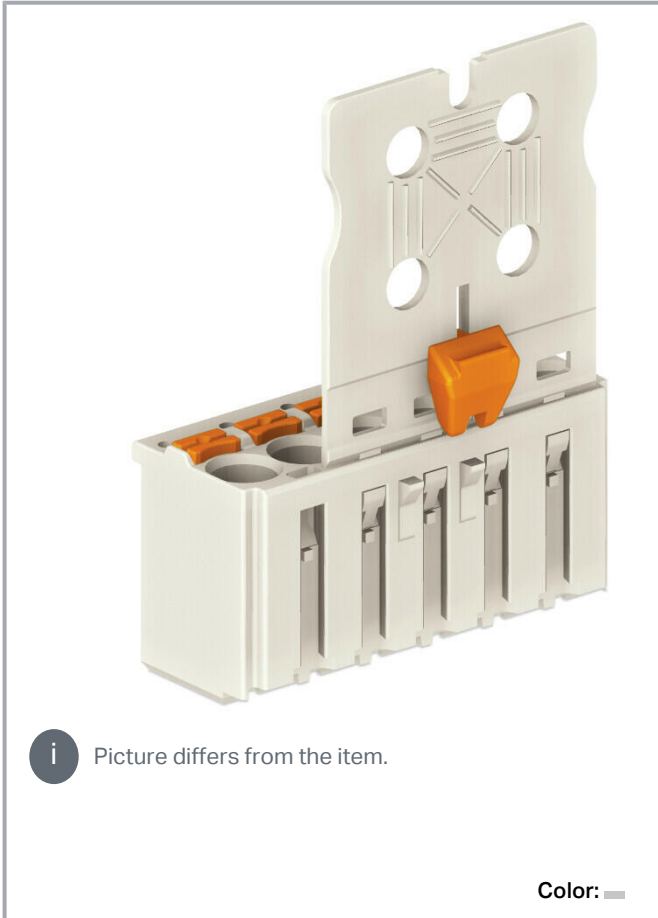


Data sheet | Item number: 2092-1103/002-000

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 3-pole; Gripping plate sliding connector release; 2,50 mm²; light gray



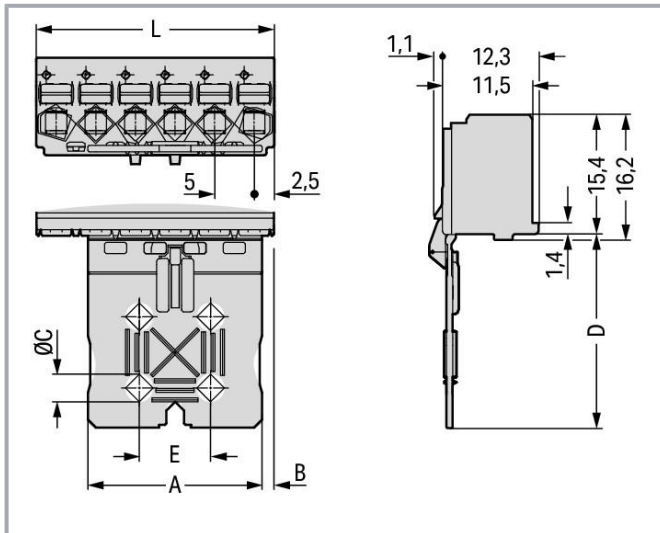
www.wago.com/2092-1103/002-000



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

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Item description

- Universal connection of all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Testing parallel to conductor entry – tip contact
- Also available with gripping plates
- Integrated locking latches prevent accidental disconnection

Safety information 1:

The **picoMAX® Pluggable 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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV

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Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) \triangleq Overvoltage category III / Pollution degree 2

Ratings per UL

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

Connection data

Connection technology	Push-in CAGE CLAMP [®]
Actuation type	Push-button
Solid conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm ²
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Pole No.	3
Total number of connection points	3
Total number of potentials	3
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	5 mm / 0.197 inch
Width	15 mm / 0.591 inch
Height	35.4 mm / 1.394 inch
Depth	14.4 mm / 0.567 inch

Mechanical data

Design	With gripping plate and sliding connector release
--------	---

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

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismatching protection	No
Locking of plug-in connection	Without

Material data

Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.017 MJ
Weight	3.1 g

Environmental requirements


Limit temperature range	-60 ... +100 °C
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Commercial data

Packaging type	box
Country of origin	DE
GTIN	4050821411710
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	CSA DEKRA Certification B.V.	C22.2	2362521

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



CSA
DEKRA Certification B.V.

C22.2 No. 158

2362521





KEMA/KEUR
DEKRA Certification B.V.

EN 61984

71-
102261
REV.1

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172- 20100415
	UL Underwriters Laboratories Inc.	UL 1977	20190909- E45171

Counterpart



Item no.2092-1423
THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 3-pole; light gray

www.wago.com/2092-1423

Item no.2092-1403
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 3-pole; light gray

www.wago.com/2092-1403

Optional accessories

Tool



Item no.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Testing and measuring



Item no.: 735-500
Test pin; 1 mm Ø; with solder connection for test wire

www.wago.com/735-500

Downloads

Documentation

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

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Additional Information

Technical explanations

Apr 3, 2019

pdf
2.0 MB

[Download](#)

CAD/CAE-Data

CAD data

2D/3D Models 2092-1103/002-000

[URL](#)

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CAE data

ZUKEN Portal 2092-1103/002-000

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1103/002-000

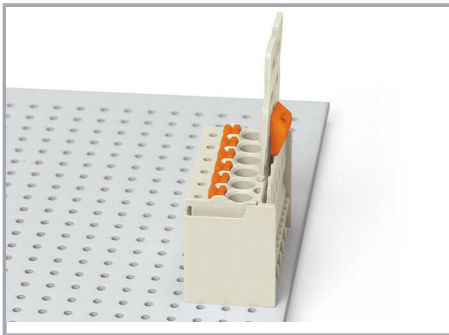
[URL](#)

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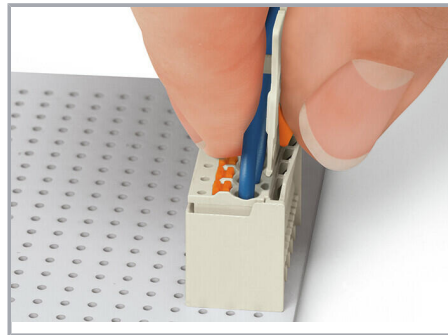
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 3-pole; Gripping plate sliding connector release; 2,50 mm²; light gray

Installation Notes

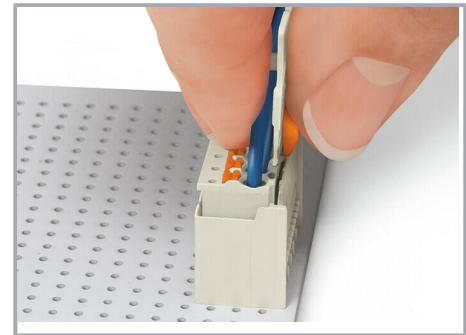
Locking system



Male header mated to a female connector with gripping plate and sliding connector release.



Push down sliding connector release (gripping plate) to open the locking latch.



Pull out female connector from male header.

Conductor termination

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

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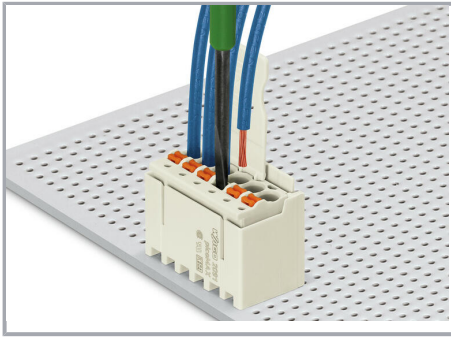
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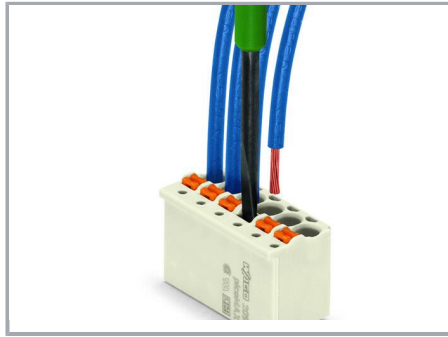
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Inserting fine-stranded conductor into mated female connector via push-button.



Inserting a fine-stranded conductor into an unmated female connector via push-button.



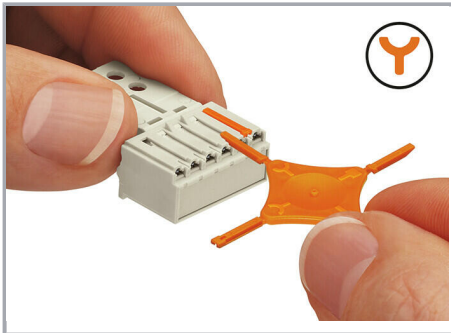
Inserting solid and ferruled conductors via push-in termination.

Marking



Pole marking via factory direct marking.

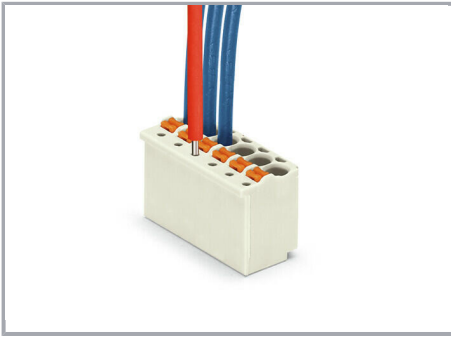
Coding



Coding a female connector (via coding key carrier and two keys for female connector, see symbol).

Testing

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



Testing via 1 mm Ø test pin – touch contact.

Product family

<i>picoMAX</i>[®] 5.0

[Show all products from the family](#)

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