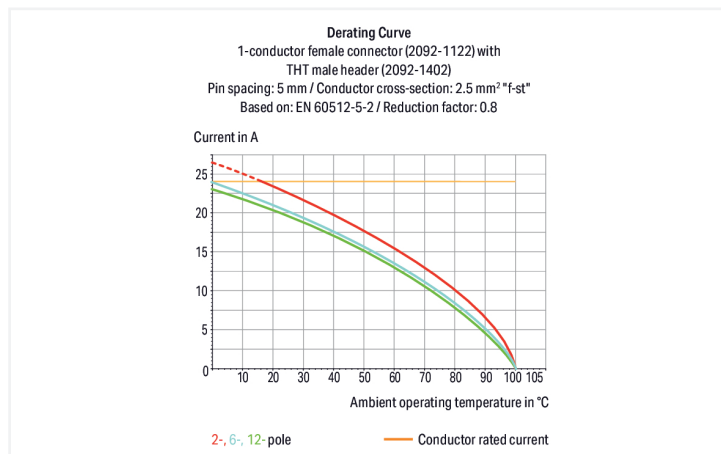


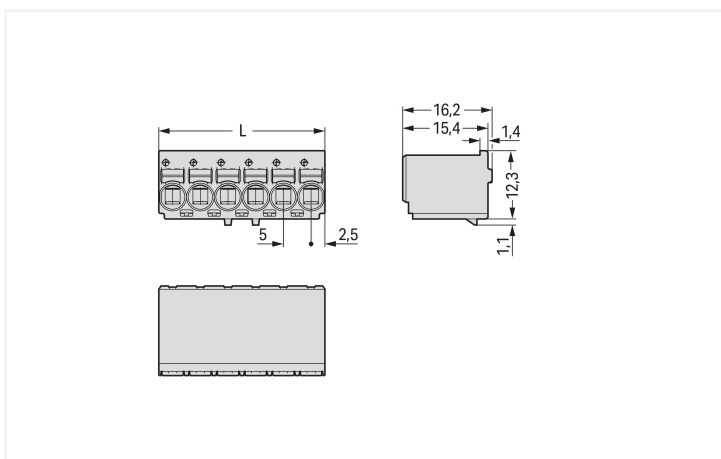
Data Sheet | Item Number: 2092-1126

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; 2,50 mm²; light gray

<https://www.wago.com/2092-1126>



Color: ■ light gray



Dimensions in mm

L = pole no. x pin spacing

Female connector, 2092 Series, with 5 mm pin spacing

Enjoy easy electrical installations with this female connector (item number 2092-1126). Conductors should only be connected to this female connector if their strip length is between 9 and 10 mm. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be inserted without needing to use any tools—all thanks to its pluggable design. The item's dimensions are (30 x 16.2 x 13.4) mm (width x height x depth). This female connector is suitable for conductor cross sections ranging from 0.2 mm² to 2.5 mm².

Tin is used for coating the contact surfaces.

Notes

Safety Information

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. 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.

Safety information 2

The use of ferrules is recommended for applications with higher requirements.

To prevent excessive force on the clamping point, effective cable strain relief must be used.

Variants:

Direct marking
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Electrical data

Ratings per	IEC/EN 60664-1			Approvals per	UL 1059		
	III	III	II		B	C	D
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	-	300 V
Nominal voltage	250 V	320 V	630 V	Rated current	15 A	-	10 A
Rated impulse withstand voltage	4 kV	4 kV	4 kV				
Rated current	16 A	16 A	16 A				

Connection Data

Clamping units	6	Connection 1	
Total number of potentials	6	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Push-button
Number of levels	1	Actuation direction 1	Operation parallel to conductor entry
		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 inches
		Pole number	6

Physical data

Pin spacing	5 mm / 0.197 inches
Width	30 mm / 1.181 inches
Height	16.2 mm / 0.638 inches
Depth	13.4 mm / 0.528 inches

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	Yes

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material (main housing)	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
Fire load	0.061 MJ
Weight	5.4 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data

Product Group	26 (picoMAX Connectors)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821163510
Customs tariff number	85366990990

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-89885
CSA CSA Group	C22.2	2362521
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-129874
UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1126	↓
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Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models 2092-1126	↓
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CAE data

ZUKEN Portal 2092-1126	↓
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1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 2092-1526/020-000
 1-conductor male connector; Push-in CAGE CLAMP®; 2,5 mm²; Pin spacing 5 mm; 6-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever; 2,50 mm²; light gray



Item No.: 2092-1506/002-000
 1-conductor male connector; Push-in CAGE CLAMP®; 2,5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate; 2,50 mm²; light gray



Item No.: 2092-1526/002-000
 1-conductor male connector; Push-in CAGE CLAMP®; 2,5 mm²; Pin spacing 5 mm; 6-pole; Integrated release lever; 2,50 mm²; light gray



Item No.: 2092-1636/024-000
 Panel feedthrough male connector; clamping collar; 2,5 mm²; 6-pole; Pin spacing 5 mm; light gray



Item No.: 2092-1426/200-000
 THR male header; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1427/200-000
 THR male header; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 7-pole; light gray



Item No.: 2092-1429/200-000
 THR male header; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 9-pole; light gray



Item No.: 2092-1406/200-000
 THR male header; 1,4 mm Ø solder pin; straight; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1726/200-000
 THR pin strip; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 6-pole; black



Item No.: 2092-1706/200-000
 THR pin strip; 1,4 mm Ø solder pin; straight; Pin spacing 5 mm; 6-pole; black



Item No.: 2092-1426/005-000
 THT male header; 1,4 mm Ø solder pin; angled; clamping collar; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1426
 THT male header; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1406/005-000
 THT male header; 1,4 mm Ø solder pin; straight; clamping collar; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1406
 THT male header; 1,4 mm Ø solder pin; straight; Pin spacing 5 mm; 6-pole; light gray



Item No.: 2092-1726
 THT pin strip; 1,4 mm Ø solder pin; angled; Pin spacing 5 mm; 6-pole; black



Item No.: 2092-1706
 THT pin strip; 1,4 mm Ø solder pin; straight; Pin spacing 5 mm; 6-pole; black

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule



Item No.: 216-241
 Ferrule; Sleeve for 0,5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-141
 Ferrule; Sleeve for 0,5 mm² / 20 AWG; unisolated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-242
 Ferrule; Sleeve for 0,75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-142
 Ferrule; Sleeve for 0,75 mm² / 18 AWG; unisolated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-243
 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-143
 Ferrule; Sleeve for 1 mm² / AWG 18; unisolated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-244
 Ferrule; Sleeve for 1,5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-144
 Ferrule; Sleeve for 1,5 mm² / AWG 16; unisolated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



Item No.: 216-246
 Ferrule; Sleeve for 2,5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



Item No.: 216-106
 Ferrule; Sleeve for 2,5 mm² / AWG 14; unisolated; electro-tin plated; silver-colored



Item No.: 216-207
 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray



Item No.: 216-107
 Ferrule; Sleeve for 4 mm² / AWG 12; unisolated; electro-tin plated

1.2.2 Marking

1.2.2.1 Marking strip



Item No.: 210-833

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



Item No.: 210-834

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.2.3 Strain relief

1.2.3.1 Gripping plate



Item No.: 2092-1602/002-000

Gripping plate with sliding connector release; for female and male connectors; 2 parts; Pin spacing 5 mm; light gray



Item No.: 2092-1602

Gripping plate; for female and male connectors; 1 part; Pin spacing 5 mm; light gray

1.2.4 Test and measurement

1.2.4.1 Testing accessories



Item No.: 735-500

WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²

1.2.5 Tool

1.2.5.1 Operating tool



Item No.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

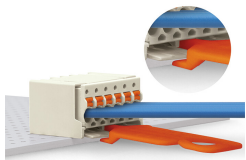


Item No.: 2092-1630

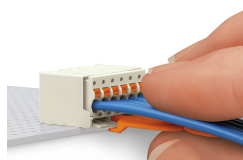
Unlocking tool; orange

Installation Notes

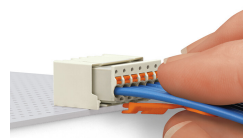
Locking system



Disconnecting a female connector via unlocking tool. Plug unlocking tool into the male header's locking latch.

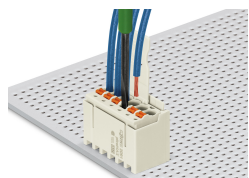


Insert unlocking tool until it hits the backstop. Wedge opens locking latches.



Pull on both unlocking tool and conductors to remove female connector from male header.

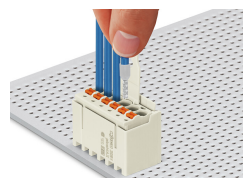
Conductor termination



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



Testing via 1 mm Ø test pin – touch contact.