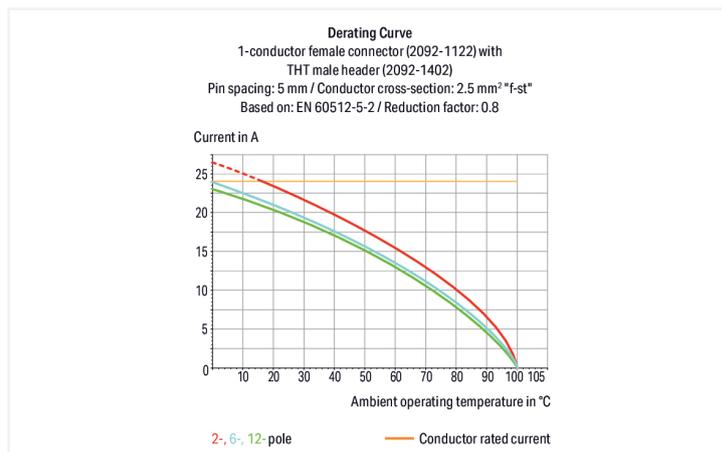


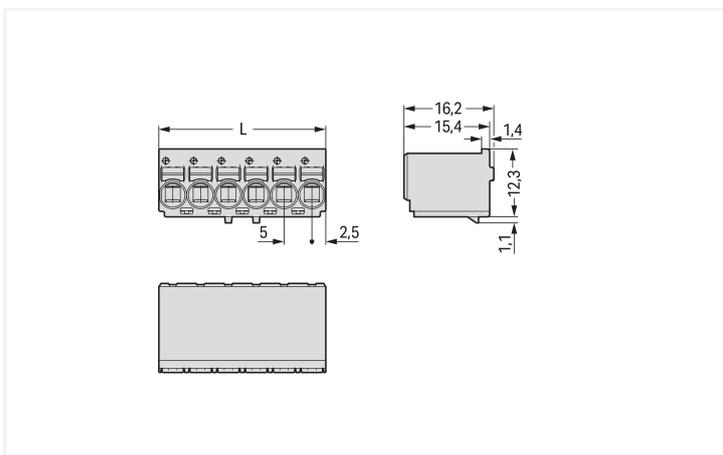
## Data Sheet | Item Number: 2092-1126

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole; 2,50 mm<sup>2</sup>; 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 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

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 un-mated.

## 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		Use group	B	C
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	<b>Connection 1</b> Connection technology Push-in CAGE CLAMP® Actuation type Push-button Actuation direction 1 Operation parallel to conductor entry Solid conductor 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG Fine-stranded conductor 0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG Fine-stranded conductor; with insulated ferrule 0.25 ... 1.5 mm <sup>2</sup> Fine-stranded conductor; with un-insulated ferrule 0.25 ... 2.5 mm <sup>2</sup> Strip length 9 ... 10 mm / 0.35 ... 0.39 inches Pole number 6
Total number of potentials	6	
Number of connection types	1	
Number of levels	1	

## 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)	<a href="#">Information on material specifications can be found here</a>
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 <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.115 MJ
Weight	5.2 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



## Documentation

### Additional Information

Technical Section

03.04.2019

pdf  
2027.26 KB



## CAD/CAE-Data

### CAD data

2D/3D Models  
2092-1126



### CAE data

ZUKEN Portal  
2092-1126



## 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 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever; 2,50 mm<sup>2</sup>; light gray



**Item No.: 2092-1506/002-000**  
1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole; Gripping plate; 2,50 mm<sup>2</sup>; light gray



**Item No.: 2092-1526/002-000**  
1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole; Integrated release lever; 2,50 mm<sup>2</sup>; light gray



**Item No.: 2092-1636/024-000**  
Panel feedthrough male connector; clamping collar; 2.5 mm<sup>2</sup>; 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-242**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-262**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 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 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-243**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-263**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-244**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-264**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-284**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



**Item No.: 216-289**  
Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-209**  
Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; un-insulated; electro-tin plated; red



**Item No.: 216-109**  
Ferrule; Sleeve for 10 mm<sup>2</sup> / AWG 8; un-insulated; electro-tin plated



**Item No.: 216-210**  
Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

1.2.1.1 Ferrule



**Item No.: 216-110**

Ferrule; Sleeve for 16 mm<sup>2</sup> / AWG 6; un-insulated; electro-tin plated; brown metallic



**Item No.: 216-246**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item No.: 216-266**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item No.: 216-286**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-267**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-287**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-207**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; gray



**Item No.: 216-107**

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; un-insulated; electro-tin plated



**Item No.: 216-208**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



**Item No.: 216-288**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



**Item No.: 216-108**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; un-insulated; electro-tin plated; silver-colored

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 un-insulated; Test lead for soldering up to 0,5mm<sup>2</sup>

## 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.

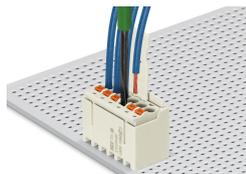


Insert unlocking tool until it hits the backstop. Wedge opens locking latches.



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

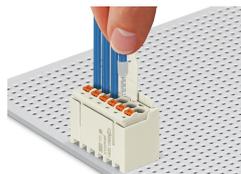
### Conductor termination



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.