

Data Sheet | Item Number: 2092-1125/000-5000

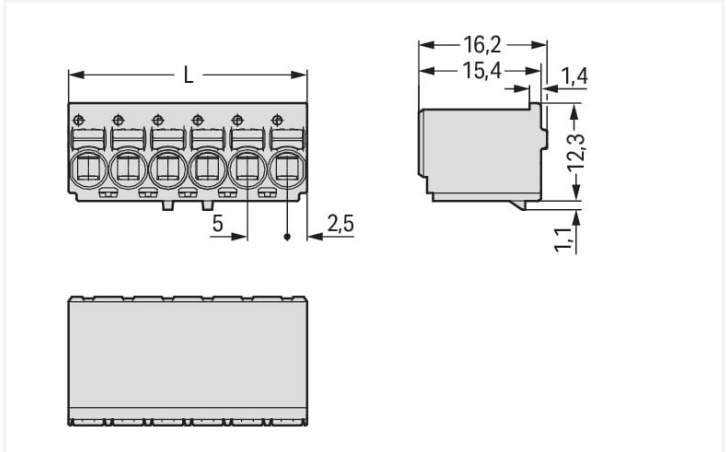
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 5-pole; direct marking; 2,50 mm²; light gray

<https://www.wago.com/2092-1125/000-5000>



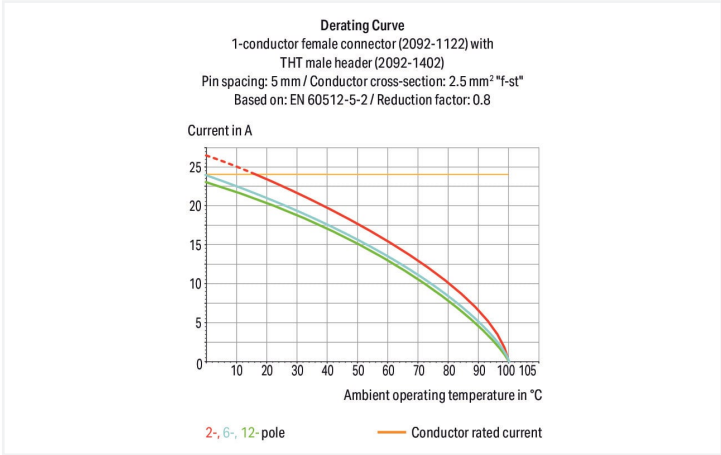
Color: ■ light gray

Similar to illustration



Dimensions in mm

L = pole no. x pin spacing



- 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

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. The circuit design should ensure header pins, which can be touched, are not live when unmated.
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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		250 V	320 V	630 V
Rated surge voltage		4 kV	4 kV	4 kV
Rated current		16 A	16 A	16 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		15 A	-	10 A
Connection data				
Connection points	5	Connection 1		
Total number of potentials	5	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 mm² / 24 ... 12 AWG	
		Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG	
		Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²	
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²	
		Strip length	9 ... 10 mm / 0.35 ... 0.39 inches	
		Pole number	5	
Physical data				
Pin spacing			5 mm / 0.197 inches	
Width			25 mm / 0.984 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			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			0.098 MJ	
Weight			4.7 g	



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

Commercial data	
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821358114
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-49737/A1
CSA DEKRA Certification B.V.	C22.2	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2092-1125/000-5000	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 2092-1525/002-000
1-conductor male connector; Push-in CA-GE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 5-pole; Integrated release lever; 2,50 mm²; light gray



Item No.: 2092-1425
THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 5-pole; light gray



Item No.: 2092-1405
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 5-pole; light gray

1.2 Optional Accessories

1.2.1 Strain relief

1.2.1.1 Strain relief plate



Item No.: 2092-1602/002-000
Gripping plate with sliding connector re-lease; for female and male connectors; 2 parts; Pin spacing 5 mm; light gray

1.2.2 Test and measurement

1.2.2.1 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

1.2.3 Tool

1.2.3.1 Operating tool



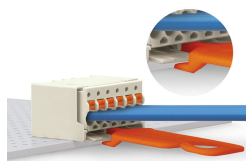
Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



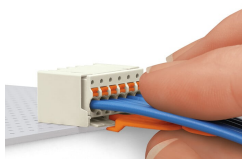
Item No.: 2092-1630
Unlocking tool; orange

Installation Notes

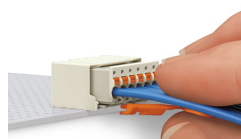
Locking system



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

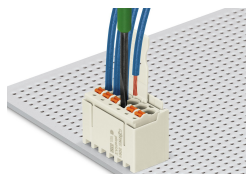


Insert unlocking tool until it hits the back-stop. Wedge opens locking latches.



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

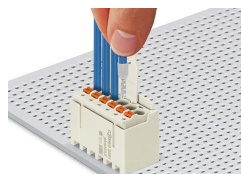
Conductor termination



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



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



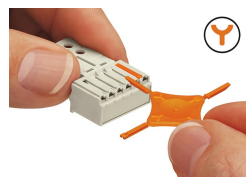
Inserting solid and ferruled conductors via push-in termination.

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.