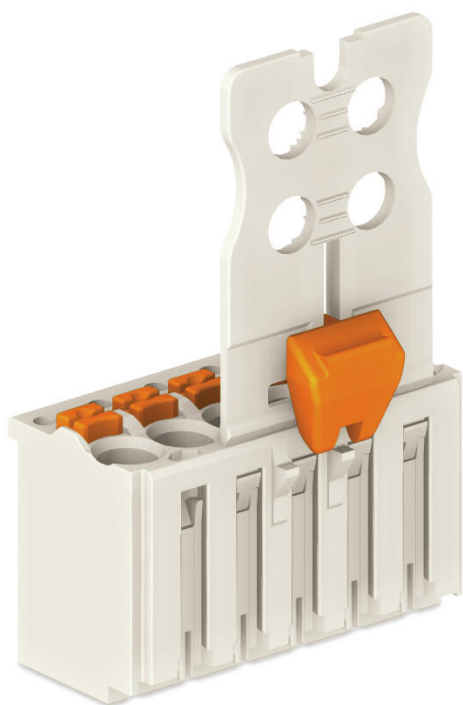


Fișă tehnică | Număr articol: 2091-1102/002-000

1-conductor female plug; Gripping plate sliding connector release; 1.5 mm²;
Pin spacing 3.5 mm; 2-pole; 1,50 mm²; light gray

www.wago.com/2091-1102/002-000



RoHS
Compliant

BOMcheck.net

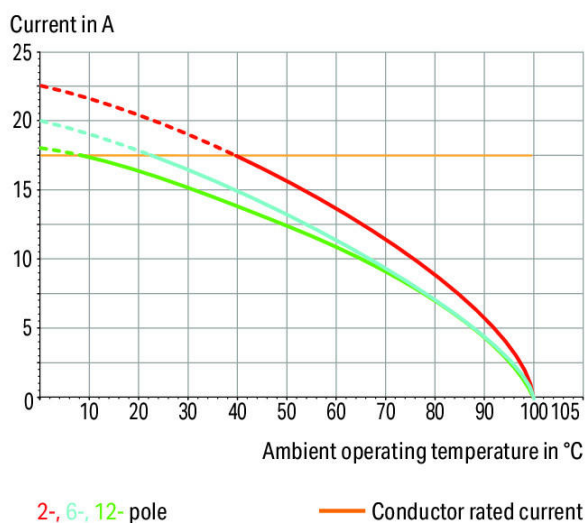
Culoare: ■

Derating Curve

1-conductor female connector (2091-1122) with
THT male header (2091-1402)

Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"

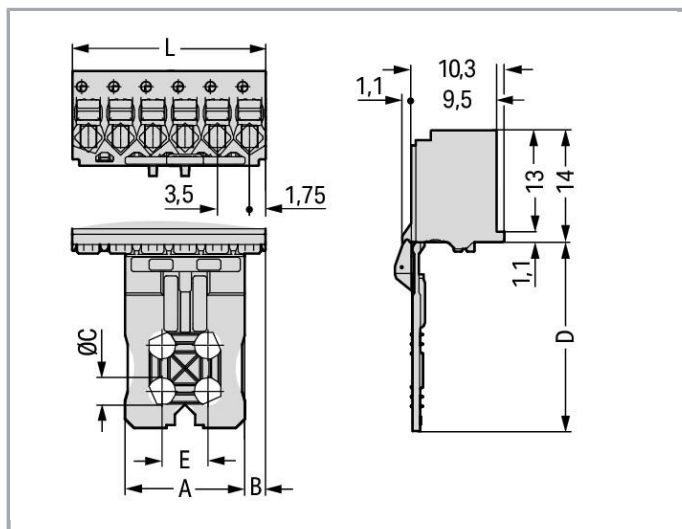
Based on: EN 60512-5-2 / Reduction factor: 0.8



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- 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.

Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	160 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2,5 kV

Supus modificărilor.

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Aveți întrebări despre produsele noastre?
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Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2,5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\triangle$ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0,2 ... 1,5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0,2 ... 1,5 mm ² / 24 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0,25 ... 0,75 mm ²
Fine-stranded conductor; with uninsulated ferrule	0,25 ... 1,5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole No.	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	3,5 mm / 0.138 inch
Width	7 mm / 0.276 inch
Height	31 mm / 1.22 inch
Depth	12,4 mm / 0.488 inch

Mechanical data

Design	With gripping plate and sliding connector release
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Supus modificărilor.

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismatching protection	No

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	0,025 MJ
Weight	1 g

Environmental Requirements

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

Packaging type	BOX
Country of origin	DE
GTIN	4050821411628
Customs tariff number	85366990990

Aprobări / certificate

Country specific Approvals

Embleă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102260 REV.1

Supus modificărilor.

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Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL Underwriters Laboratories Inc.	UL 1977	20190909-E45171

Counterpart

	Nr. articol 2091-1422 THT male header; 1.0 mm Ø solder pin; angled; Pin spacing 3.5 mm; 2-pole; light gray	www.wago.com/2091-1422
	Nr. articol 2091-1402 THT male header; 1.0 mm Ø solder pin; straight; Pin spacing 3.5 mm; 2-pole; light gray	www.wago.com/2091-1402

Produse compatibile

tools

	Nr. articol: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
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Coding

	Nr. articol: 2091-1610 Coding key carrier; suitable for 3.5 mm pin spacing; orange	www.wago.com/2091-1610
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check

	Nr. articol: 735-500 Test pin; 1 mm Ø; with solder connection for test wire	www.wago.com/735-500
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Descărcări

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf	Descărcare
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Supus modificărilor.

CAD/CAE-Data

CAD data

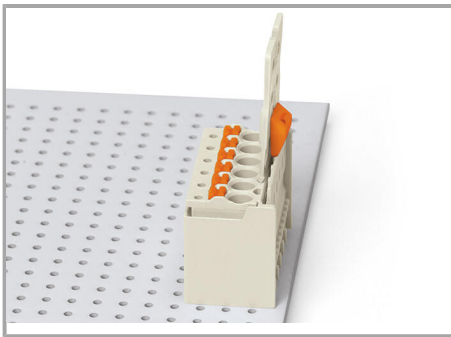
2D/3D Models 2091-1102/002-000

[URL](#)

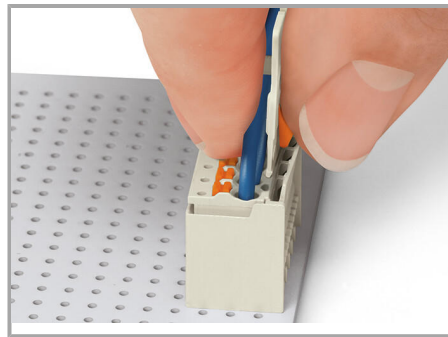
[Descărcare](#)

Installation Notes

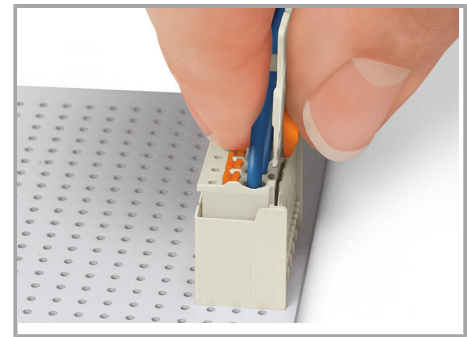
Locking



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

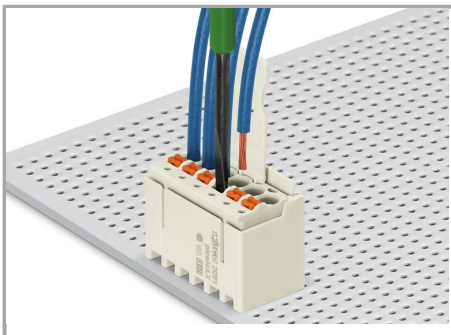


Push down sliding connector release (gripping plate) to open the locking latch.

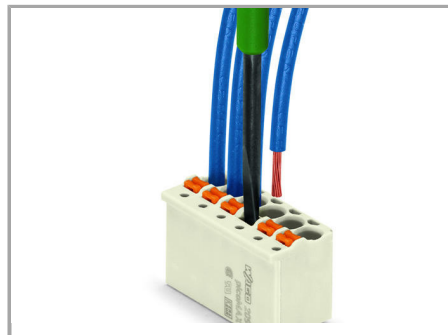


Pull out female connector with gripping plate from male header.

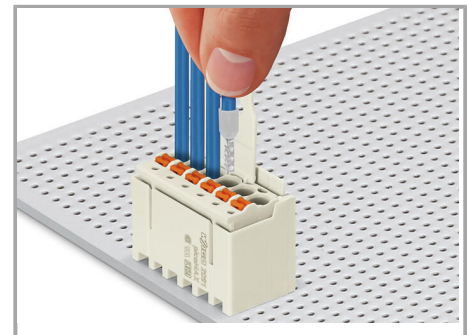
Conductor termination



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



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



Inserting solid and ferruled conductors via push-in termination

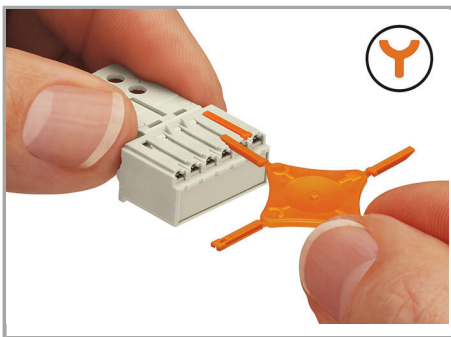
Marking

Supus modificărilor.



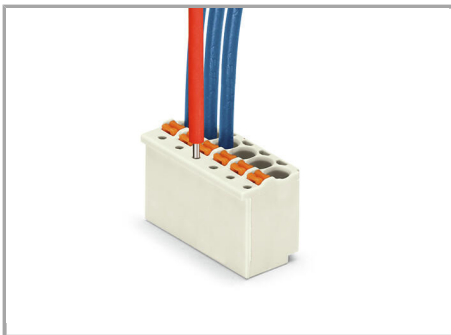
Pole marking via factory direct printing.

Coding



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

Testing



Testing with 1 mm Ø test pin, tip contact.

Familie de produse

picoMAX

Afișare globală produse din familie.

Supus modificărilor.