

Data sheet | Item number: 2092-1375/200-000

1-conductor female connector; push-button; 2.5 mm²; Pin spacing 5 mm; 5-pole; 2,50 mm²; light gray

www.wago.com/2092-1375_200-000



 Picture differs from the item.

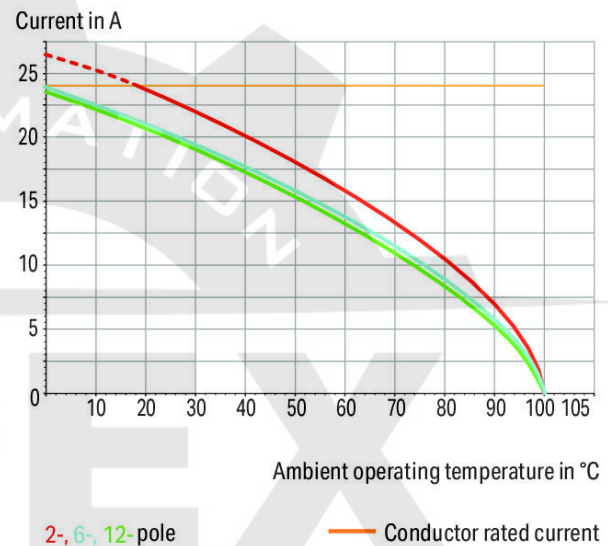
Color: 

Derating Curve

1-conductor female connector eCOM (2092-1172)

Pin spacing: 5 mm / Conductor cross-section: 2.5 mm² "f-st"

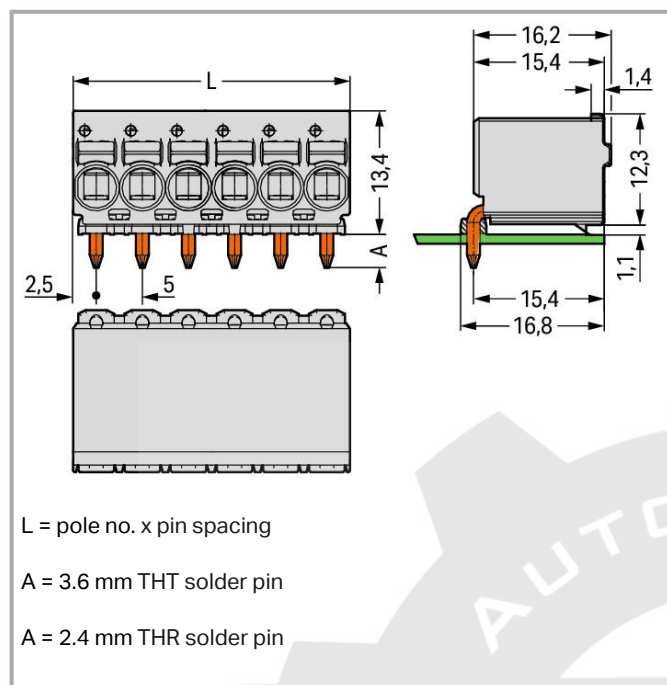
Based on: EN 60512-5-2 / Reduction factor: 0.8



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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
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Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require specialty tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Factory-installed, straight or angled solder pins allow horizontal or vertical mounting to the PCB

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

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V

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Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
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

UL Approvals

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
Conductor connection direction to PCB	0°
Pole No.	5
Total number of connection points	5
Total number of potentials	5
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	5 mm / 0.197 inch
Width	25 mm / 0.984 inch
Height	13.4 mm / 0.528 inch
Depth	15.4 mm / 0.606 inch
Solder pin length	2.4 mm

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Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 (+0.1) mm

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0°
Locking of plug-in connection	Without

PCB contact

PCB Contact	THR
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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	0.012 MJ
Weight	5.8 g

Environmental requirements

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

Packaging type	BOX
Country of origin	DE
GTIN	4055143921404
Customs tariff number	8536694040

Approvals / Certificates

Country specific Approvals

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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
	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

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.0 MB	Download
THR Soldering Process		pdf 402.7 kB	Download

CAD files

CAD data

2D/3D Models 2092-1375/200-000	URL	Download
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CAE data

ZUKEN Portal 2092-1375/200-000	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1375/200-000

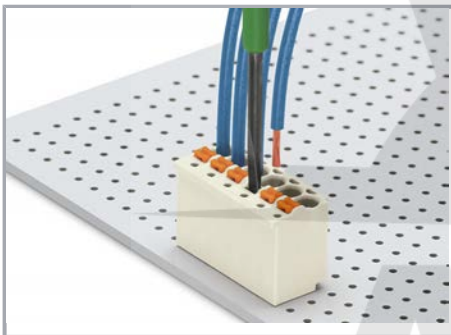
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Download

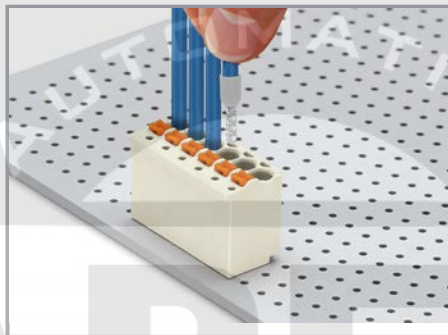
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Installation Notes

Conductor termination



Terminating fine-stranded conductors and removing all conductor types via push-buttons.



Solid and ferruled conductors are terminated by simply pushing them into unit.

Marking



Pole marking via direct marking perpendicular to conductor entry.



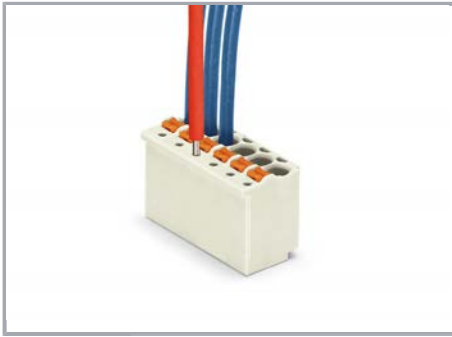
Pole marking via factory direct marking.

Testing

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Testing via 1 mm Ø test pin – touch contact.

Product family

picoMAX[®] eCOM 5.0

[Show all products from the family](#)

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