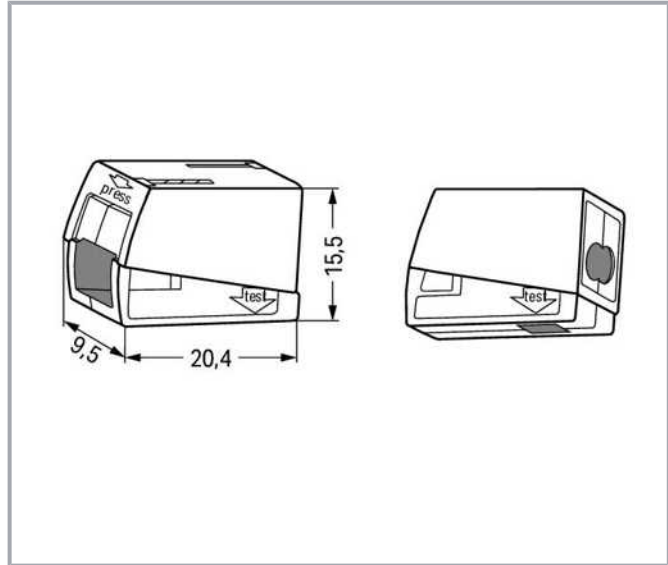


Data sheet | Item number: 224-122 NEW

2-conductor lighting connector; push-button on lighting side; Alu-Plus contact paste; Lighting side: for all conductor types; Inst. side: for solid conductors; 224 Series; max. 2.5 mm²; Surrounding air temperature: max 60° C; 2,50 mm²; white

www.wago.com/224-122



Color:

**Data
Notes**

Safety information 1

in grounded power lines

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
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Electrical data

IEC Approvals

Ratings per	EN 60664
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Total number of connection points	3
Total number of potentials	1

Connection 1

Connection type (1)	Installation side
Connection technology	PUSH WIRE®
Total number of connection points	2
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Note on connectable conductor materials

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

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



Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

For spring clamp connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::

2.5 mm² = 16 A

4 mm² = 22 A

Solid conductor	1 ... 2.5 mm ² / 16 ... 14 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Wiring direction	Side-entry wiring

Connection 2

Connection type 2	Lighting side
Connection technology 2	CAGE CLAMP®
Number of connection points 2	1
Solid conductor 2	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded conductor 2	0.5 ... 2.5 mm ² / 20 ... 16 AWG

Physical data

Width	9.5 mm / 0.374 inch
Height	15.5 mm / 0.61 inch
Depth	20.5 mm / 0.807 inch

Material data

Color	white
Fire load	0.046 MJ
Weight	2.1 g

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

Environmental requirements

Surrounding air temperature (operation)	60 °C
Continuous operating temperature	105 °C

Commercial data

PU (SPU)	100 Pieces
Country of origin	CH
GTIN	4044918583633
Customs tariff number	85369010000

Downloads

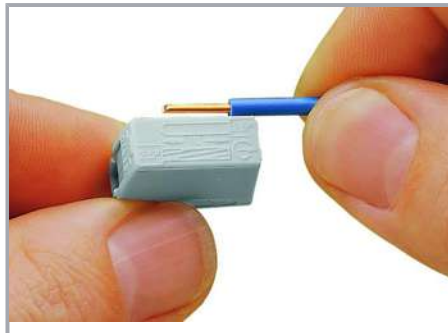
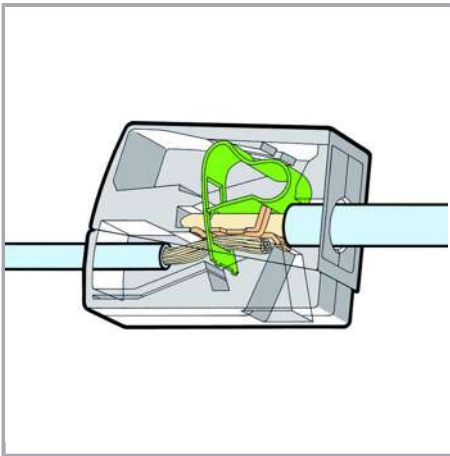
Documentation

Additional Information

Technical explanations	pdf 2.2 MB	Download
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Installation Notes

Conductor termination



Strip conductor to 9 ... 11 mm (0.35 ... 0.43 inch).

Lighting Connectors (2.5 mm²), 224 Series

Conductor termination

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

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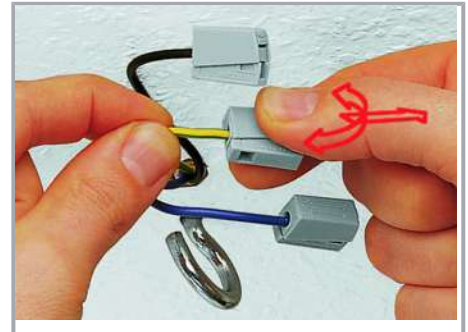
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To connect: Press button fully, insert stripped conductor into square entry and release.

To remove: Press button and withdraw conductor.

Conductor termination



To connect: Insert stripped solid conductor into circular entry and push until it hits the backstop.

To remove: Hold conductor to be removed and twist alternately left and right while slightly pulling the connector.

Testing



Testing via separate test ports.

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