

Data sheet | Item number: 231-902

Jumper; for conductor entry; 2-way; insulated; gray

www.wago.com/231-902



Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Connection data

Connection 1

Pole number	2
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Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



Physical data

Pin spacing	5/5.08 mm / 0.197/0.2 inches
Width	10 mm / 0.394 inches
Depth	5 mm / 0.197 inches
Jumper assignment	1-2

Mechanical Data

Suitable	for male and female connectors with CAGE CLAMP® connection
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Material Data

Note (material data)	Information on material specifications can be found here
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Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.001 MJ
Weight	0.2 g

Commercial data

Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 8.0	EC000489
ETIM 7.0	EC000489
PU (SPU)	200 (25) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454045425
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	EN 61984, IEC 61984	NL-39756 /A1
	CSA DEKRA Certification B.V.	C22.2	1466354
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19-HG1869876-PDA

Downloads

Documentation

Additional Information

3 Apr 2019

pdf
2.0 MB

Download

CAD/CAE-Data

CAD data

2D/3D Models 231-902

URL

Download

CAE data

ZUKEN Portal 231-902

URL

Download

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Compliance Search

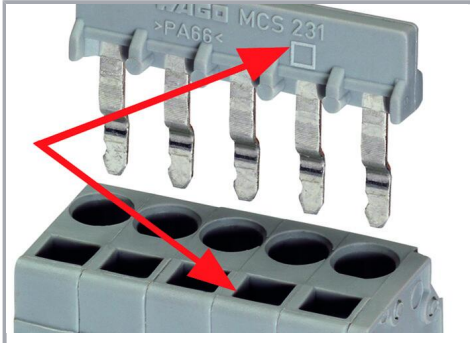
Environmental Product Compliance 231-902
Jumper; for conductor entry; 2-way; insulated; gray

[URL](#)

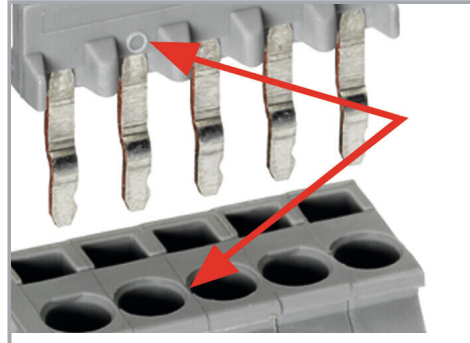
[Download](#)

Installation Notes

Installation

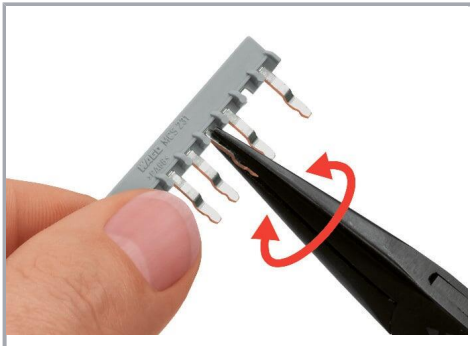


Notice: Insert jumper bar according to direction of symbols.
□ symbol correlates to the direction of the operating slot.



<p>Notice: Insert jumper bar according to direction of symbols.</p>
<p>○ symbol shows direction to conductor entry.</p>

Coding



Custom comb-style jumper bars are created by breaking off jumper contacts (3 contacts and more).

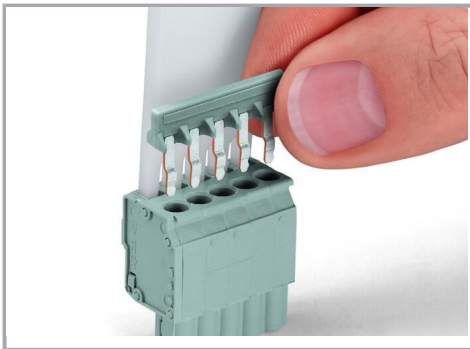
Installation

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



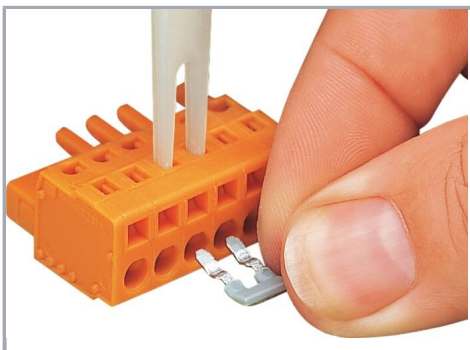
Notice: Comb-style jumper bars reduce the conductor cross-section to 1.5 mm² "s" + "f-st."

Commoning



Inserting a comb-style jumper bar via multipole operating tool – with the female or male connector being supported in a suitable holding device.

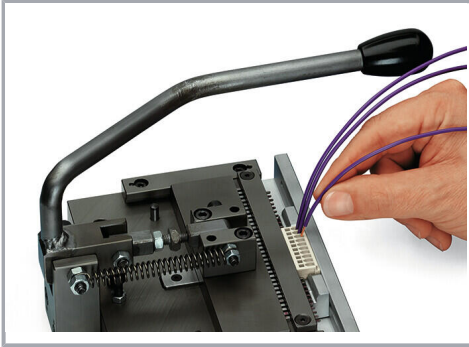
Installation



Operating tool for comb-style jumper bars
(231-902)

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

Application



Both male and female connectors can be pre-assembled with comb-style jumper bars upon request.

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