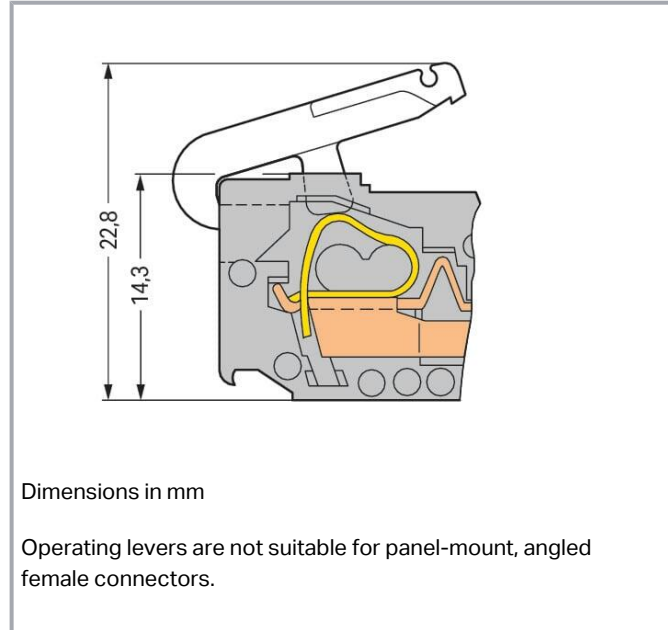


Data sheet | Item number: 231-291

Operating tool; made of insulating material; 1-way; loose; red

www.wago.com/231-291



Data

Technical data

Main product function	Operating tool
Number of spacings	1 -way

Physical data

Depth	20.2 mm / 0.79 inches
Pin spacing	5/7.62 mm

Mechanical Data

Suitable	for male and female connectors with CAGE CLAMP® connection
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Subject to changes. Please also observe the further product documentation!

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

Material Data

Color	red
Material group	I
Insulation material	Glass fiber-reinforced polyamide (PA66 GF)
Flammability class per UL94	HB
Fire load	0.01 MJ
Weight	0.3 g

Commercial data


Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 8.0	EC002848
ETIM 7.0	EC002848
PU (SPU)	100 (25) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454830090
Customs tariff number	82055980000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	1466354

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	LR Lloyds Register	IEC 61984	96/20035 (E5)

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



Downloads

CAD/CAE-Data

CAD data

2D/3D Models 231-291	URL	Download
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CAE data

ZUKEN Portal 231-291	URL	Download
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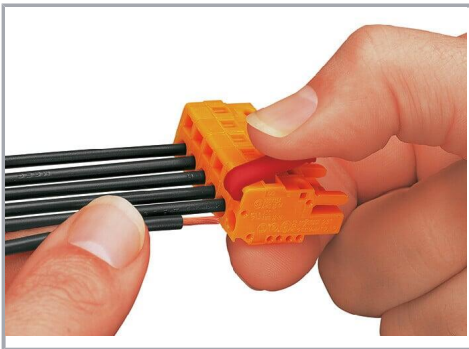
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 231-291	URL	Download
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Operating tool; made of insulating material; 1-way; loose; red

Installation Notes



Inserting a conductor into CAGE CLAMP® unit via operating tool (231-291).

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