

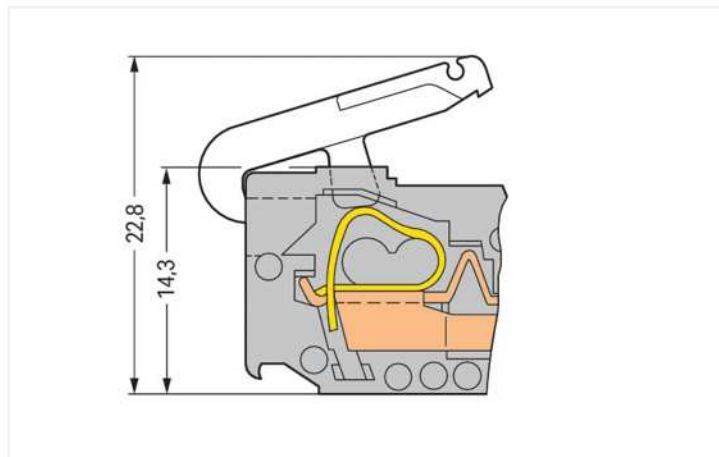
## Data Sheet | Item Number: 231-291

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

<https://www.wago.com/231-291>



Color: ■ red



Dimensions in mm

Operating levers are not suitable for panel-mount, angled female connectors.

### Technical data

Main product function	Operating tool
Number of spacings	1 -times

### 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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### 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

### Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1466354

Approvals for marine applications



Approval	Standard	Certificate Name
LR Lloyds Register	IEC 61984	96/20035 (E5)

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product  
Compliance 231-291



CAD/CAE-Data

CAD data

2D/3D Models 231-291



CAE data

ZUKEN Portal 231-291

