

# Data Sheet | Item Number: 231-159

Operating tool; natural

<https://www.wago.com/231-159>



Color: ■ natural

## Technical data

Number of spacings 1 -times

## Physical data

Depth 50 mm / 1.97 inches

Pin spacing 5/7.62 mm

## Mechanical data

Suitable for male and female connectors with CAGE CLAMP® connection

## Material data

Color natural

Material group I

Insulation material Glass fiber-reinforced polyamide (PA66 GF)

Flammability class per UL94 HB

Fire load 0.038 MJ

Weight 1.4 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 4017332117661

Customs tariff number 39269097900

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**General approvals**      **Approvals for marine applications**



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



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

**Downloads**

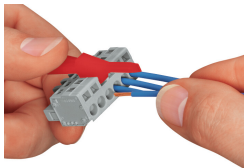
**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 231-159

**Installation Notes**



Conductor termination parallel to CAGE CLAMP® actuation



Conductor termination perpendicular to CAGE CLAMP® actuation

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)