

## Data Sheet | Item Number: 2000-556

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,00 mm<sup>2</sup>; gray

<https://www.wago.com/2000-556>



Color: ■ gray

Similar to illustration

### Notes

#### Safety information

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

### Electrical data

#### Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	13.5 A
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3

#### Ratings per UL

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	10 A

### Approvals per

#### CSA 22.2 No 158

Use group	B	C	D
Rated voltage	300 V	300 V	-
Rated current	10 A	10 A	-

### Connection data

Connection points	6
Total number of potentials	6

#### Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm <sup>2</sup>
Solid conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm <sup>2</sup> / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.

### Connection 1

Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
Pole number	6
Wiring direction	Side-entry wiring

### Physical data

Width	22.5 mm / 0.885 inches
Module width	3.5 mm / 0.138 inches

### Mechanical data

Marking level	Center/side marking
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### Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.272 MJ
Weight	11.8 g

### Commercial data

eCl@ss 10.0	27-14-11-51
eCl@ss 9.0	27-14-11-51
ETIM 8.0	EC002021
ETIM 7.0	EC002021
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143394666
Customs tariff number	85366990990

### Environmental Product Compliance

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

#### General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	2130762

#### Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

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Environmental Product Compliance

Compliance Search

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Documentation

Additional Information

Technical Section

pdf  
2240.62 KB



Bid Text

2000-556

19.02.2019

xml  
3.42 KB



2000-556

07.08.2018

docx  
15.06 KB



CAD/CAE-Data

CAD data

2D/3D Models  
2000-556



CAE data

EPLAN Data Portal  
2000-556



ZUKEN Portal  
2000-556



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[Item No.: 216-241](#)

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

[Item No.: 216-242](#)

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[Item No.: 216-243](#)

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

1.1.2 Marking

1.1.2.1 Marker



[Item No.: 793-3501](#)

WMB marking card; as card; plain; snap-on type; white

[Item No.: 2009-113/000-006](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue

[Item No.: 2009-113/000-007](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray

[Item No.: 2009-113/000-023](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green



[Item No.: 2009-113/000-017](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green

[Item No.: 2009-113/000-012](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange

[Item No.: 2009-113/000-005](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red

[Item No.: 2009-113/000-024](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet

### 1.1.2.1 Marker



**Item No.: 2009-113**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white



**Item No.: 2009-113/000-002**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow

### 1.1.2.2 Marking strip



**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

### 1.1.3 Strain relief

#### 1.1.3.1 Strain relief plate



**Item No.: 734-328**

Strain relief plate; for female and male connectors; 12.5 mm wide; 1 part; gray

### 1.1.4 Test and measurement

#### 1.1.4.1 Testing accessories



**Item No.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

### 1.1.5 Tool

#### 1.1.5.1 Operating tool



**Item No.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



**Item No.: 210-648**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

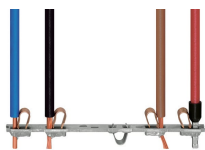


**Item No.: 210-647**

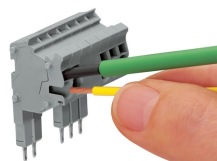
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination

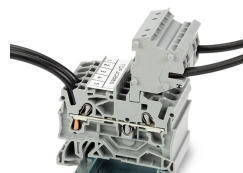


All conductor types at a glance



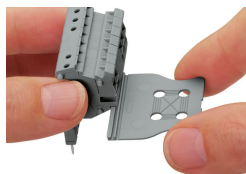
Conductor termination via:

- Operating tool for fine-stranded conductors without ferrules
- Push-in connection of solid conductors



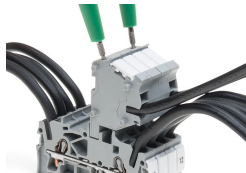
The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.

## Strain relief



Snapping on a strain relief plate.

## Testing



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester