

**Data sheet | Item number: 2001-555**

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole;  
1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-555](http://www.wago.com/2001-555)



**Data  
Notes**

Safety information

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

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under load.

## Electrical data

### Ratings per IEC/EN

Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	18 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Connection data

Connection points	5
Total number of potentials	5

### Connection 1

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
Actuation type	Operating tool
Nominal cross-section	1.5 mm <sup>2</sup>
Solid conductor	0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Solid conductor; push-in termination	0.75 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.75 ... 1.5 mm <sup>2</sup> / 18 ... 16 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.
Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
Pole number	5
Wiring direction	Side-entry wiring

### Physical data

Width	21 mm / 0.827 inches
Module width	4.2 mm / 0.165 inches

### Mechanical Data

Marking level	Center/side marking
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## Material Data

Note (material data)

Information on material specifications can be found here

Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.285 MJ
Weight	10.8 g

## Commercial data

Product Group	22 (TOPJOB S)
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	4045454178277
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
	<b>CCA</b> DEKRA Certification B.V.	EN 61984	2135410.01
	<b>CCA</b> DEKRA Certification B.V.	EN 61984	NTR NL 6746

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>Railway</b> WAGO GmbH & Co. KG	-	Railway Ready

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## Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

## Optional accessories

## Strain relief

Strain relief plate	
<b>Item no.: 734-328</b> Strain relief plate; for female and male connectors; 12.5 mm wide; 1 part; gray	<a href="http://www.wago.com/734-328">www.wago.com/734-328</a>

## Tool

Operating tool	
<b>Item no.: 210-648</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
<b>Item no.: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
<b>Item no.: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>

## Marking accessories

Marking strip	
<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
Marker	
<b>Item no.: 2009-114/000-002</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-114/000-002">www.wago.com/2009-114/000-002</a>
<b>Item no.: 2009-114/000-005</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-114/000-005">www.wago.com/2009-114/000-005</a>
<b>Item no.: 2009-114/000-007</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-114/000-007">www.wago.com/2009-114/000-007</a>
<b>Item no.: 2009-114/000-023</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a>

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**Item no.: 2009-114/000-006**  
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue [www.wago.com/2009-114/000-006](http://www.wago.com/2009-114/000-006)

**Item no.: 2009-114/000-024**  
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet [www.wago.com/2009-114/000-024](http://www.wago.com/2009-114/000-024)

**Item no.: 2009-114/000-012**  
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange [www.wago.com/2009-114/000-012](http://www.wago.com/2009-114/000-012)

**Item no.: 2009-114**  
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white [www.wago.com/2009-114](http://www.wago.com/2009-114)

**Item no.: 793-4501/000-002**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow [www.wago.com/793-4501/000-002](http://www.wago.com/793-4501/000-002)

**Item no.: 793-4501/000-006**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue [www.wago.com/793-4501/000-006](http://www.wago.com/793-4501/000-006)

**Item no.: 793-4501**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white [www.wago.com/793-4501](http://www.wago.com/793-4501)

**Item no.: 793-4501/000-023**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green [www.wago.com/793-4501/000-023](http://www.wago.com/793-4501/000-023)

**Item no.: 793-4501/000-024**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet [www.wago.com/793-4501/000-024](http://www.wago.com/793-4501/000-024)

**Item no.: 793-4501/000-005**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red [www.wago.com/793-4501/000-005](http://www.wago.com/793-4501/000-005)

**Item no.: 793-4501/000-007**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray [www.wago.com/793-4501/000-007](http://www.wago.com/793-4501/000-007)

**Item no.: 793-4501/000-012**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange [www.wago.com/793-4501/000-012](http://www.wago.com/793-4501/000-012)

**Item no.: 793-4501/000-017**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green [www.wago.com/793-4501/000-017](http://www.wago.com/793-4501/000-017)

## Testing and measuring

Testing accessories

**Item no.: 210-136**

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

[www.wago.com/210-136](http://www.wago.com/210-136)

Ferrule	
Ferrule	
<b>Item no.: 216-241</b> 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	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
<b>Item no.: 216-242</b> 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	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
<b>Item no.: 216-243</b> 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	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
Insulation stop	
Insulation stop	
<b>Item no.: 2001-171</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray	<a href="http://www.wago.com/2001-171">www.wago.com/2001-171</a>

## Downloads

### Documentation

#### Bid Text

2001-555 X81 - Datei	2019 年2月19日	xml 3.5 kB	Download
2001-555 docx - Datei	2018 年8月2日	docx 15.3 kB	Download

#### Additional Information

		pdf 2.2 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 2001-555		URL	Download
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### CAE data

WSCAD Universe 2001-555		URL	Download
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ZUKEN Portal 2001-555

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2001-555

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Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,50 mm<sup>2</sup>;  
gray

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## 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

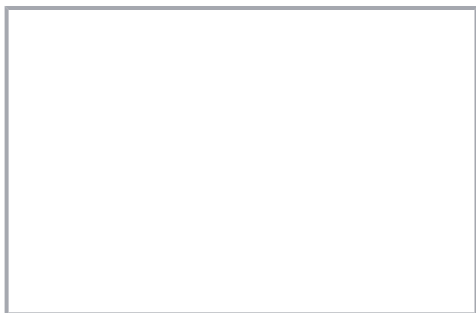
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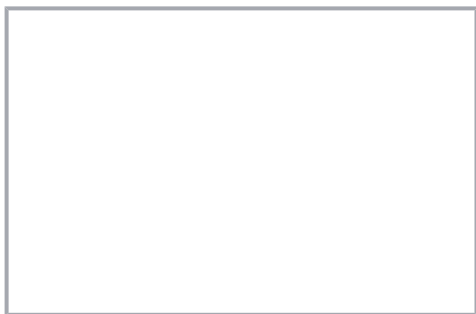
The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.

#### 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

#### Product family

TOPJOB® S

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TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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