

**Data sheet | Item number: 2001-554**

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole;  
1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-554](http://www.wago.com/2001-554)



**Data  
Notes**

Safety information

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

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

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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	4
Total number of potentials	4

### Connection 1

Connection technology	Push-in CAGE CLAMP®
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	4
Wiring direction	Side-entry wiring

### Physical data

Width	16.8 mm / 0.661 inches
Module width	4.2 mm / 0.165 inches

### Mechanical Data

Marking level	Center/side marking
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Subject to changes. Please also observe the further product documentation!



## 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	0.228 MJ
Weight	8.6 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)	25 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454178260
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	NTR NL 6746
	<b>CCA</b> DEKRA Certification B.V.	EN 61984	2135410.01

### 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

## Testing and measuring

Testing accessories		
<b>Item no.: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable; red		<a href="http://www.wago.com/210-136">www.wago.com/210-136</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>

## 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>

## 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>		

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Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray[www.wago.com/2001-171](http://www.wago.com/2001-171)


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**Marking accessories**


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## Marking strip

**Item no.: 2009-110**

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

[www.wago.com/2009-110](http://www.wago.com/2009-110)


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 Marker
 

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**Item no.: 2009-114/000-002**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-114/000-002](http://www.wago.com/2009-114/000-002)**Item no.: 2009-114/000-005**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red

[www.wago.com/2009-114/000-005](http://www.wago.com/2009-114/000-005)**Item no.: 2009-114/000-007**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[www.wago.com/2009-114/000-007](http://www.wago.com/2009-114/000-007)**Item no.: 2009-114/000-023**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green

[www.wago.com/2009-114/000-023](http://www.wago.com/2009-114/000-023)**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)

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<b>Item no.: 793-4501/000-024</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/793-4501/000-024">www.wago.com/793-4501/000-024</a>
<b>Item no.: 793-4501/000-005</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/793-4501/000-005">www.wago.com/793-4501/000-005</a>
<b>Item no.: 793-4501/000-007</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/793-4501/000-007">www.wago.com/793-4501/000-007</a>
<b>Item no.: 793-4501/000-012</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/793-4501/000-012">www.wago.com/793-4501/000-012</a>
<b>Item no.: 793-4501/000-017</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/793-4501/000-017">www.wago.com/793-4501/000-017</a>

## Downloads

### Documentation

#### Bid Text

2001-554 X81 - Datei	2019 年2月19日	xml 3.5 kB	Download
2001-554 docx - Datei	2018 年8月2日	docx 15.3 kB	Download

#### Additional Information

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## CAD/CAE-Data

### CAD data

2D/3D Models 2001-554

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2001-554

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gray

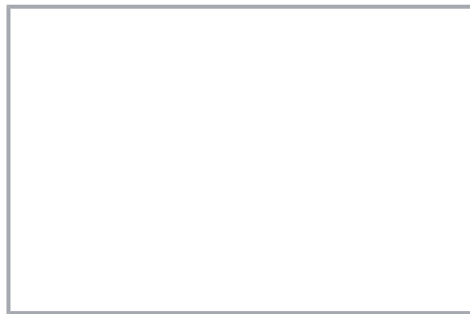
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## Installation Notes

### 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



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

### Strain relief

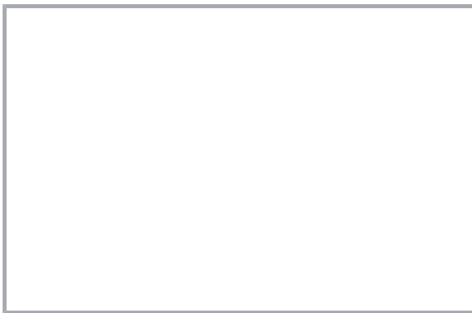
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Snapping on a strain relief plate.

### Testing



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

### Product family

#### TOPJOB® S

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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