

**Data sheet | Item number: 2000-559**

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole;  
1,00 mm<sup>2</sup>; gray

[www.wago.com/2000-559](http://www.wago.com/2000-559)



 Picture differs from the item.

Color:

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

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## Data

### 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)              |        |

### 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  |

### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 300 V           |
| Rated current CSA (Use Group B) | 10 A            |
| Rated voltage CSA (Use Group C) | 300 V           |
| Rated current CSA (Use Group C) | 10 A            |

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 9 |
| Total number of potentials | 9 |

### Connection 1

|                       |                     |
|-----------------------|---------------------|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type        | Operating tool      |

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



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

### Physical data

|              |                       |
|--------------|-----------------------|
| Width        | 33 mm / 1.3 inches    |
| Module width | 3.5 mm / 0.138 inches |

### Mechanical Data

|               |                     |
|---------------|---------------------|
| Marking level | Center/side marking |
|---------------|---------------------|

### Material Data

|                             |  |
|-----------------------------|--|
| Note (material data)        | Information on material specifications can be found <a href="#">here</a> |
| Color                       | gray   |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.398 MJ   |
| Weight                      | 17.4 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         |

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|                       |               |
|-----------------------|---------------|
| Country of origin     | DE            |
| GTIN                  | 4055143394628 |
| Customs tariff number | 85366990990   |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Approvals / Certificates

### General approvals

| Logo | Approval                        | Additional Approval Text | Certificate name |
|------|---------------------------------|--------------------------|------------------|
|      | CSA<br>DEKRA Certification B.V. | C22.2                    | 2130762          |

### Declarations of conformity and manufacturer's declarations

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

## Optional accessories

### Marking accessories

| Marking strip              |   |  |
|----------------------------|---|--|
| Item no.: 2009-110         | 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                     |   |  |
| Item no.: 2009-113         | WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white          | <a href="http://www.wago.com/2009-113">www.wago.com/2009-113</a>                 |
| Item no.: 2009-113/000-002 | WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow         | <a href="http://www.wago.com/2009-113/000-002">www.wago.com/2009-113/000-002</a> |
| Item no.: 2009-113/000-012 | WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange         | <a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a> |
| Item no.: 2009-113/000-007 | WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray           | <a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a> |

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**Item no.: 2009-113/000-005**

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

[www.wago.com/2009-113/000-005](http://www.wago.com/2009-113/000-005)**Item no.: 2009-113/000-017**

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

[www.wago.com/2009-113/000-017](http://www.wago.com/2009-113/000-017)**Item no.: 2009-113/000-006**

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

[www.wago.com/2009-113/000-006](http://www.wago.com/2009-113/000-006)**Item no.: 2009-113/000-024**

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

[www.wago.com/2009-113/000-024](http://www.wago.com/2009-113/000-024)**Item no.: 2009-113/000-023**

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

[www.wago.com/2009-113/000-023](http://www.wago.com/2009-113/000-023)**Item no.: 793-3501**

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

[www.wago.com/793-3501](http://www.wago.com/793-3501)**Testing and measuring**

## Testing accessories

**Item no.: 210-136**

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

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

## 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[www.wago.com/216-241](http://www.wago.com/216-241)**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[www.wago.com/216-242](http://www.wago.com/216-242)**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[www.wago.com/216-243](http://www.wago.com/216-243)**Tool**

## Operating tool

**Item no.: 210-648**

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

[www.wago.com/210-648](http://www.wago.com/210-648)**Item no.: 210-647**

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

[www.wago.com/210-647](http://www.wago.com/210-647)**Item no.: 210-719**

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

[www.wago.com/210-719](http://www.wago.com/210-719)**Strain relief**

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

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Strain relief plate

Item no.: 734-329

Strain relief plate; for female and male connectors; 25 mm wide; 1 part; gray

[www.wago.com/734-329](http://www.wago.com/734-329)

## Downloads

### Documentation

#### Bid Text

|                          |              |                 |          |
|--------------------------|--------------|-----------------|----------|
| 2000-559<br>X81 - Datei  | 2019 年2月19 日 | xml<br>3.5 kB   | Download |
| 2000-559<br>docx - Datei | 2018 年8月7 日  | docx<br>15.3 kB | Download |

#### Additional Information

pdf  
2.2 MB  
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## CAD/CAE-Data

### CAD data

2D/3D Models 2000-559  
URL  
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### CAE data

EPLAN Data Portal 2000-559  
URL  
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ZUKEN Portal 2000-559  
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2000-559  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,00 mm<sup>2</sup>; gray  
URL  
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## Installation Notes

### Conductor termination

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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

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



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](#)

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