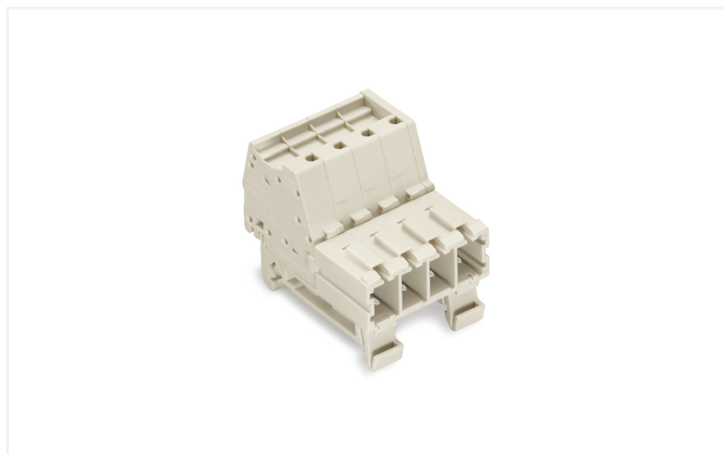


## Data Sheet | Item Number: 831-3208/007-000

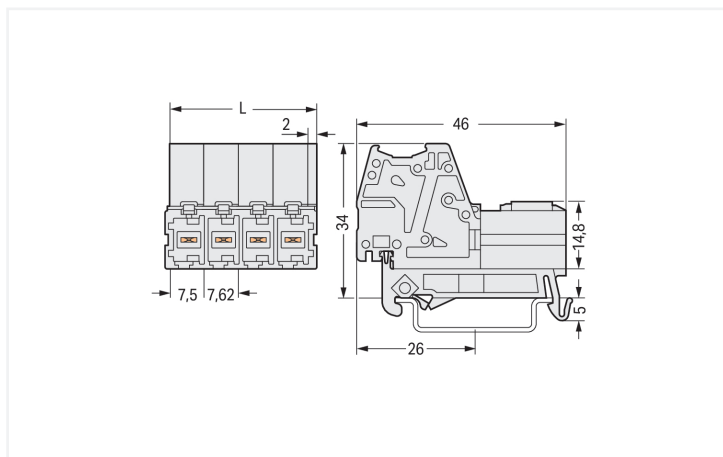
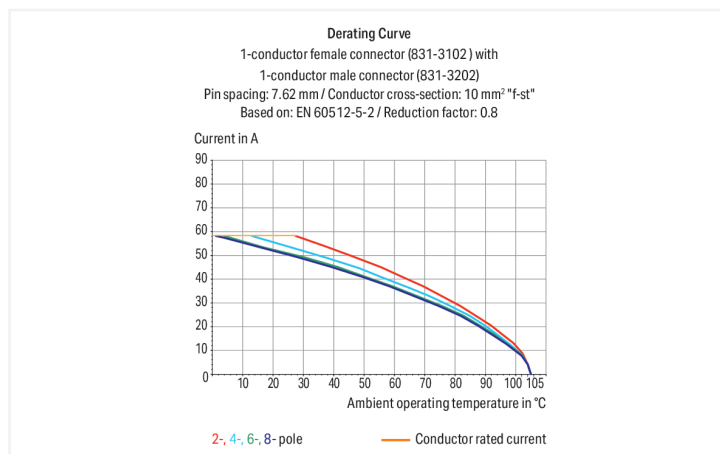
1-conductor male connector; Push-in CAGE CLAMP®; 10 mm²; Pin spacing 7.62 mm; 8-pole; 100% protected against mismating; DIN-35 rail mounting; 10,00 mm²; light gray

<https://www.wago.com/831-3208/007-000>



Color: ■ light gray

Similar to illustration



Dimensions in mm

L = (pole no. - 1) x pin spacing + 9.5 mm

### Male connector, 831 Series, Push-in CAGE CLAMP®

This male connector (item number 831-3208/007-000) simplifies electrical installations. Ensure that the strip lengths are between 13 and 15 mm when connecting conductors to this male connector. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be inserted without the need for tools—all thanks to its pluggable design. Dimensions: (62.84 x 39 x 46) mm (width x height x depth). This male connector is suitable for conductor cross sections ranging from 0.5 mm² to 10 mm².

Tin is used for coating the contact surfaces.



| Notes              |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Information | The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated. |
| Variants:          | Other pole numbers<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                                                                                                                                                      |

| Electrical data                 |  |                |        |        |
|---------------------------------|--|----------------|--------|--------|
| Ratings per                     |  | IEC/EN 60664-1 |        |        |
| Overvoltage category            |  | III            | III    | II     |
| Pollution degree                |  | 3              | 2      | 2      |
| Nominal voltage                 |  | 800 V          | 1000 V | 1000 V |
| Rated impulse withstand voltage |  | 8 kV           | 8 kV   | 8 kV   |
| Rated current                   |  | 41 A           | 41 A   | 41 A   |
| Approvals per                   |  | UL 1059        |        |        |
| Use group                       |  | B              | C      | D      |
| Rated voltage                   |  | -              | 600 V  | -      |
| Rated current                   |  | -              | 42 A   | -      |
| Approvals per                   |  | CSA            |        |        |
| Use group                       |  | B              | C      | D      |
| Rated voltage                   |  | -              | 600 V  | -      |
| Rated current                   |  | -              | 41 A   | -      |

| Connection Data                                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
|---------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|----------------|----------------|-----------------------|---------------------------------------|-----------------|-------------------------------|-------------------------|-------------------------------|-------------------------------------------------|---------------|---------------------------------------------------|---------------|--------------|-------------------------------------|-------------|---|-----------------------------------------------|-----|
| Clamping units                                    | 8                                     | <div>Connection 1</div> <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool</td></tr><tr><td>Actuation direction 1</td><td>Operation parallel to conductor entry</td></tr><tr><td>Solid conductor</td><td>0.5 ... 10 mm² / 20 ... 8 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.5 ... 10 mm² / 20 ... 8 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.5 ... 6 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.5 ... 6 mm²</td></tr><tr><td>Strip length</td><td>13 ... 15 mm / 0.51 ... 0.59 inches</td></tr><tr><td>Pole number</td><td>8</td></tr><tr><td>Conductor entry direction to mating direction</td><td>0 °</td></tr></table> | Connection technology | Push-in CAGE CLAMP® | Actuation type | Operating tool | Actuation direction 1 | Operation parallel to conductor entry | Solid conductor | 0.5 ... 10 mm² / 20 ... 8 AWG | Fine-stranded conductor | 0.5 ... 10 mm² / 20 ... 8 AWG | Fine-stranded conductor; with insulated ferrule | 0.5 ... 6 mm² | Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 6 mm² | Strip length | 13 ... 15 mm / 0.51 ... 0.59 inches | Pole number | 8 | Conductor entry direction to mating direction | 0 ° |
| Connection technology                             | Push-in CAGE CLAMP®                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Actuation type                                    | Operating tool                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Actuation direction 1                             | Operation parallel to conductor entry |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Solid conductor                                   | 0.5 ... 10 mm² / 20 ... 8 AWG         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Fine-stranded conductor                           | 0.5 ... 10 mm² / 20 ... 8 AWG         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Fine-stranded conductor; with insulated ferrule   | 0.5 ... 6 mm²                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 6 mm²                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Strip length                                      | 13 ... 15 mm / 0.51 ... 0.59 inches   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Pole number                                       | 8                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Conductor entry direction to mating direction     | 0 °                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Total number of potentials                        | 8                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Number of connection types                        | 1                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |
| Number of levels                                  | 1                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                     |                |                |                       |                                       |                 |                               |                         |                               |                                                 |               |                                                   |               |              |                                     |             |   |                                               |     |

| Physical data                      |                         |
|------------------------------------|-------------------------|
| Pin spacing                        | 7.62 mm / 0.3 inches    |
| Width                              | 62.84 mm / 2.474 inches |
| Height                             | 39 mm                   |
| Height from upper-edge of DIN-rail | 34 mm / 1.339 inches    |
| Depth                              | 46 mm / 1.811 inches    |



| Mechanical data          |             |
|--------------------------|-------------|
| Variable coding          | Yes         |
| Mounting type            | DIN-35 rail |
| Anti-rotation protection | Yes         |

| Plug-in connection                 |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type)        | for conductor       |
| Mismating protection               | Yes                 |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | light gray                                                               |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Clamping spring material           | Chrome-nickel spring steel (CrNi)                                        |
| Contact material                   | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 1.044 MJ                                                                 |
| Weight                             | 55.4 g                                                                   |

| Environmental requirements                                                                          |                                                     |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Limit temperature range                                                                             | -60 ... +105 °C                                     |
| Processing temperature                                                                              | -35 ... +60 °C                                      |
| Environmental Testing                                                                               |                                                     |
| Test specification:<br>Railway applications –<br>Rolling stock –<br>Electronic equipment            | DIN EN 50155 (VDE 0115-200):2022-06                 |
| Test procedure:<br>Railway applications –<br>Rolling stock equipment –<br>Vibration and shock tests | DIN EN 61373 (VDE 0115-0106):2011-04                |
| Spectrum/Mounting location                                                                          | Service life test, Category 1, Class A/B            |
| Functional test with noise-like oscillations                                                        | Test passed according to Section 8 of the standard  |
| Frequency                                                                                           | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz    |
| Acceleration                                                                                        | 0.101g (highest test level used for all axes)       |
| Test duration per axis                                                                              | 10 min.                                             |
| Test directions                                                                                     | X, Y and Z axes                                     |
| Monitoring of contact faults and interruptions                                                      | Passed                                              |
| Voltage drop measurement before and after each axis                                                 | Passed                                              |
| Simulated service life test through increased levels of noise-like oscillations                     | Test passed according to Section 9 of the standard  |
| Frequency                                                                                           | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz    |
| Acceleration                                                                                        | 0.572g (highest test level used for all axes)       |
| Test duration per axis                                                                              | 5 h                                                 |
| Test directions                                                                                     | X, Y and Z axes                                     |
| Extended testing: Monitoring of contact faults and interruptions                                    | Passed                                              |
| Extended testing: Voltage drop measurement before and after each axis                               | Passed                                              |
| Shock test                                                                                          | Test passed according to Section 10 of the standard |
| Shock pulse form                                                                                    | Half sine                                           |



| Environmental Testing                                                 |                                           |
|-----------------------------------------------------------------------|-------------------------------------------|
| Acceleration                                                          | 5g (highest test level used for all axes) |
| Shock duration                                                        | 30 ms                                     |
| Number of shocks (per axis)                                           | 3 pos. und 3 neg.                         |
| Test directions                                                       | X, Y and Z axes                           |
| Extended testing: Monitoring of contact faults and interruptions      | Passed                                    |
| Extended testing: Voltage drop measurement before and after each axis | Passed                                    |
| Vibration and shock stress for rolling stock equipment                | Passed                                    |

| Commercial data       |                        |
|-----------------------|------------------------|
| Product Group         | 3 (Multi Conn. System) |
| PU (SPU)              | 12 pcs                 |
| Packaging type        | Box                    |
| Country of origin     | PL                     |
| GTIN                  | 4045454333829          |
| Customs tariff number | 85366930000            |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-14-11-06          |
| eCl@ss 9.0             | 27-14-11-06          |
| ETIM 9.0               | EC001284             |
| ETIM 10.0              | EC001284             |
| ECCN                   | NO US CLASSIFICATION |

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

| Approvals / Certificates                                                                                                                                                                                                                                   |           |                  |                                                                                     |          |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-------------------------------------------------------------------------------------|----------|------------------|
| General approvals                                                                                                                                                                                                                                          |           |                  | Declarations of conformity and manufacturer's declarations                          |          |                  |
|    |           |                  |  |          |                  |
| Approval                                                                                                                                                                                                                                                   | Standard  | Certificate Name | Approval                                                                            | Standard | Certificate Name |
| CB<br>DEKRA Certification B.V.                                                                                                                                                                                                                             | IEC 61984 | NL-61360/M1      | Railway<br>WAGO GmbH & Co. KG                                                       | -        | Railway Ready    |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                            | C22.2     | 1466354          |                                                                                     |          |                  |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                                                                                                      | EN 61984  | 71-116057        |                                                                                     |          |                  |
| UR<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                       | UL 1059   | UL-US-2426356-0  |                                                                                     |          |                  |



|                                  |                  |  |  |
|----------------------------------|------------------|--|--|
| Downloads                        |                  |  |  |
| Environmental Product Compliance |                  |  |  |
| Compliance Search                |                  |  |  |
| Environmental Product Compliance | 831-3208/007-000 |  |  |

|                        |            |                   |  |
|------------------------|------------|-------------------|--|
| Documentation          |            |                   |  |
| Additional Information |            |                   |  |
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

|              |                  |                   |                  |
|--------------|------------------|-------------------|------------------|
| CAD/CAE-Data |                  |                   |                  |
| CAD data     |                  | CAE data          |                  |
| 2D/3D Models | 831-3208/007-000 | EPLAN Data Portal | 831-3208/007-000 |
|              |                  |                   |                  |
|              |                  | ZUKEN Portal      | 831-3208/007-000 |
|              |                  |                   |                  |

|                               |
|-------------------------------|
| 1 Compatible Products         |
| 1.1 System counterpart        |
| 1.1.1 Female connector/socket |



**Item No.: 831-3108**  
1-conductor female connector; Push-in CAGE CLAMP®; 10 mm²; Pin spacing 7.62 mm; 8-pole; 100% protected against mis-mating; 10,00 mm²; light gray

|                          |
|--------------------------|
| 1.2 Optional Accessories |
| 1.2.1 Coding             |
| 1.2.1.1 Coding           |



**Item No.: 831-500**  
Coding pin carrier with six coding pins; orange

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule



#### Item No.: 216-284

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



#### Item No.: 216-286

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



#### Item No.: 216-287

Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



#### Item No.: 216-288

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

## 1.2.3 Marking

### 1.2.3.1 Marker



#### Item No.: 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



#### Item No.: 2009-145/000-007

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



#### Item No.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



#### Item No.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



#### Item No.: 2009-145/000-005

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



#### Item No.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



#### Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



#### Item No.: 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



#### Item No.: 248-501/000-006

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



#### Item No.: 248-501/000-007

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



#### Item No.: 248-501/000-023

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



#### Item No.: 248-501/000-017

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



#### Item No.: 248-501/000-012

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



#### Item No.: 248-501/000-005

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



#### Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



#### Item No.: 248-501/000-002

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



#### Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



#### Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



#### Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



#### Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



#### Item No.: 793-5501/000-012

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



#### Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



#### Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



#### Item No.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



#### Item No.: 793-5501/000-002

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



#### Item No.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue



#### Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray



#### Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green



#### Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green



#### Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange



#### Item No.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red



#### Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



#### Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



#### Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



#### Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



#### Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



1.2.3.1 Marker



**Item No.: 2009-115/000-023**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-115/000-017**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.3.2 Marking strip



**Item No.: 2009-110/762-852**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-853**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-854**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-855**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-856**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-857**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-858**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110/762-859**  
Marking strips; for Smart Printer; cut to a defined length; MARKED; not stretchable; snap-on type; white



**Item No.: 2009-110**  
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.4 Test and measurement

1.2.4.1 Testing accessories



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red

1.2.5 Tool

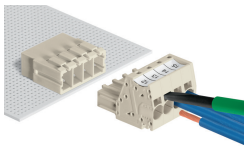
1.2.5.1 Operating tool



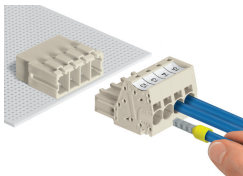
**Item No.: 210-721**  
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination

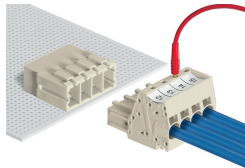


Inserting fine-stranded conductors via (5.5 x 0.8) mm screwdriver.



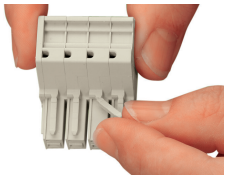
Solid and ferruled conductors are terminated by simply pushing them into unit.

Testing

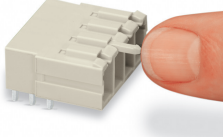


Testing with 2 mm Ø test plug.

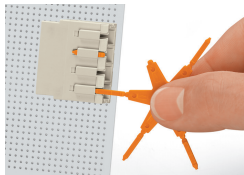
Coding



Break or cut off coding pin from female connector.



Insert coding pin into male header (break first) until it engages.



Coding a THT male header by inserting a coding pin.

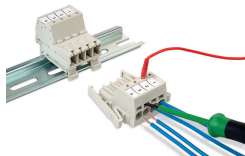
Marking



Direct marking of female and male connectors



MCS MAXI male and female connectors can also be marked via Mini-WSB or WMB markers.



Male connector mounted on a DIN-35 rail via integrated mounting adapter