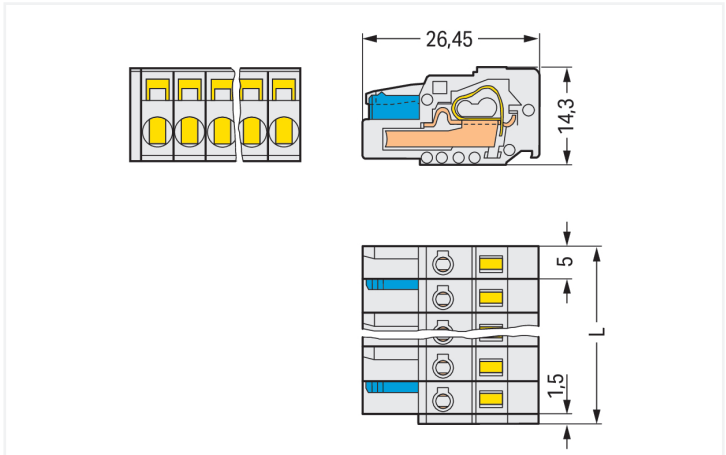


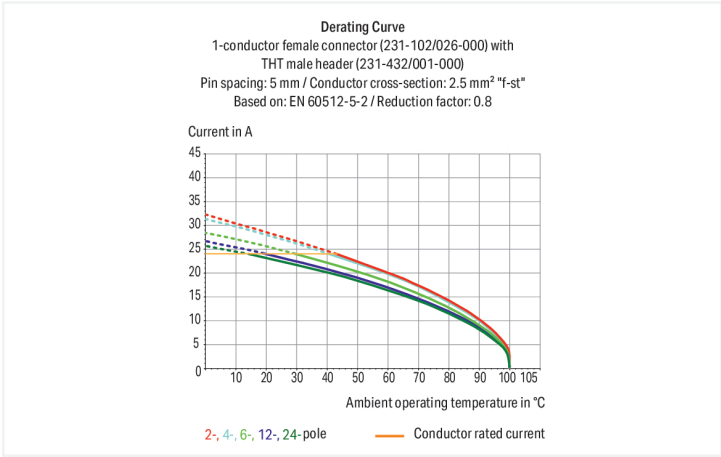
**Data Sheet | Item Number: 721-112/026-000**  
1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-po-  
le; 100% protected against mismating; 2,50 mm²; light gray  
<https://www.wago.com/721-112/026-000>



Color: ■ light gray



Dimensions in mm  
L = (pole no. x pin spacing) + 1.5 mm  
2-pole female connectors – one latch only



Federleiste/Buchse Serie 721 mit Betätigungswerkzeug

Bei dieser Federleiste/Buchse mit der Artikelnummer 721-112/026-000 ist eine ordentliche Elektroinstallation das Hauptaugenmerk. Unsere Leiterplatten-Steckverbinder geben Ihnen die größtmögliche Flexibilität bei unterschiedlichen Montagearten. Diese Federleiste/Buchse benötigt für den Leiteranschluss eine Abisolierlänge zwischen 8 und 9 mm. Dieses Produkt ist mit der CAGE CLAMP®-Technologie ausgestattet. Mit dem CAGE CLAMP® Universalanschluss steht Ihnen eine zuverlässige und wartungsfreie Anschlusstechnik zur Verfügung, um sämtliche Leiterarten mithilfe einer Käfigzugfeder anzuschließen. Es ist keine Vorbehandlung der Leiter notwendig, beispielsweise durch das Aufcrimpen von Aderendhülsen. Die Abmessungen sind in Breite x Höhe x Tiefe (61,5 x 14,3 x 26,45) mm. In Abhängigkeit von der Leiterart ist die Federleiste/Buchse geeignet für Leiterquerschnitte von 0,08 mm² bis 2,5 mm². Für die Kontaktoberfläche wurde Zinn verwendet. Über ein Betätigungswerkzeug wird diese Federleiste/Buchse betätigt. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten.

| 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>Gold-plated or partially gold-plated contact surfaces<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      |       |       |       | Approvals per UL 1059 |       |   |       |
|---------------------------------|-------|-------|-------|-----------------------|-------|---|-------|
| Overvoltage category            | III   | III   | II    | Use group             | B     | C | D     |
| Pollution degree                | 3     | 2     | 2     | Rated voltage         | 300 V | - | 300 V |
| Nominal voltage                 | 320 V | 320 V | 630 V | Rated current         | 15 A  | - | 10 A  |
| Rated impulse withstand voltage | 4 kV  | 4 kV  | 4 kV  |                       |       |   |       |
| Rated current                   | 16 A  | 16 A  | 16 A  |                       |       |   |       |

| Ratings       |         |  |  | Approvals per CSA |       |   |       |
|---------------|---------|--|--|-------------------|-------|---|-------|
| Approvals per | UL 1977 |  |  | Use group         | B     | C | D     |
| Rated voltage | 600 V   |  |  | Rated voltage     | 300 V | - | 300 V |
| Rated current | 15 A    |  |  | Rated current     | 15 A  | - | 10 A  |

Connection data

|                            |    |                                                   |                                            |
|----------------------------|----|---------------------------------------------------|--------------------------------------------|
| Clamping units             | 12 | Connection 1                                      |                                            |
| Total number of potentials | 12 | Connection technology                             | CAGE CLAMP®                                |
| Number of connection types | 1  | Actuation type                                    | Operating tool                             |
| Number of levels           | 1  | Actuation direction 1                             | Operation parallel to conductor entry      |
|                            |    | Actuation direction 2                             | Operation perpendicular to conductor entry |
|                            |    | Solid conductor                                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG           |
|                            |    | Fine-stranded conductor                           | 0.08 ... 2.5 mm² / 28 ... 12 AWG           |
|                            |    | Fine-stranded conductor; with insulated ferrule   | 0.25 ... 1.5 mm²                           |
|                            |    | Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm²                           |
|                            |    | Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inches          |
|                            |    | Pole number                                       | 12                                         |
|                            |    | Conductor entry direction to mating direction     | 0 °                                        |

Physical data

|             |                         |
|-------------|-------------------------|
| Pin spacing | 5 mm / 0.197 inches     |
| Width       | 61.5 mm / 2.421 inches  |
| Height      | 14.3 mm / 0.563 inches  |
| Depth       | 26.45 mm / 1.041 inches |

Mechanical data

|                          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Anti-rotation protection | Yes |

Plug-in connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| 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                   | Copper alloy                                                             |  |
| Contact Plating                    | Tin                                                                      |  |
| Fire load                          | 0.296 MJ                                                                 |  |
| Weight                             | 21.3 g                                                                   |  |

| Environmental requirements |                 |                                                                                                                                          |
|----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Limit temperature range    | -60 ... +100 °C | <b>Environmental Testing</b>                                                                                                             |
| Processing temperature     | -35 ... +60 °C  |                                                                                                                                          |
|                            |                 | Test specification: DIN EN 50155 (VDE 0115-200):2022-06<br>Railway applications –<br>Rolling stock –<br>Electronic equipment             |
|                            |                 | Test procedure: DIN EN 61373 (VDE 0115-0106):2011-04<br>Railway applications –<br>Rolling stock equipment –<br>Vibration and shock tests |
|                            |                 | 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 $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$                                                                                 |
|                            |                 | 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 $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$                                                                                 |
|                            |                 | 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                                                                                                               |
|                            |                 | 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)              | 25 pcs                 |  |
| Packaging type        | Box                    |  |
| Country of origin     | DE                     |  |
| GTIN                  | 4044918355483          |  |
| Customs tariff number | 85366990990            |  |

| Product Classification |                      |  |
|------------------------|----------------------|--|
| UNSPSC                 | 39121409             |  |
| eCl@ss 10.0            | 27-44-03-09          |  |
| eCl@ss 9.0             | 27-44-03-09          |  |
| ETIM 9.0               | EC002638             |  |
| ETIM 8.0               | EC002638             |  |
| 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 |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                | C22.2    | 1466354                             | Railway<br>WAGO GmbH & Co. KG                                                       | -        | Railway Ready    |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                          | EN 61984 | 71-130478 REV.1                     |                                                                                     |          |                  |
| UL<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                                                                                                           | UL 1977  | E45171                              |                                                                                     |          |                  |
| UL<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                                                                                                           | UL 1059  | UL-US-<br>L45172-6187117-81111991-1 |                                                                                     |          |                  |

Approvals for marine applications

|    |           |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| Approval                                                                                                                                                                                                                                                   | Standard  | Certificate Name |
| ABS<br>American Bureau of Ship-<br>ping                                                                                                                                                                                                                    | -         | 24-0095975-PDA   |
| BV<br>Bureau Veritas S.A.                                                                                                                                                                                                                                  | IEC 60998 | 11915/E0 BV      |
| DNV<br>DNV GL SE                                                                                                                                                                                                                                           | -         | TAE000016Z       |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
721-112/026-000

↓

Documentation

Additional Information

Technical Section  
03.04.2019  
pdf  
2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models  
721-112/026-000

↓

CAE data

EPLAN Data Portal  
721-112/026-000

↓

ZUKEN Portal  
721-112/026-000

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 721-612</b><br>1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; 2,50 mm²; light gray                  | <br><b>Item No.: 721-612/019-000</b><br>1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; clamping collar; 2,50 mm²; light gray                      | <br><b>Item No.: 721-612/018-000</b><br>1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; DIN-35 rail/panel mounting; Snap-in mounting feet; 2,50 mm²; light gray | <br><b>Item No.: 721-612/114-000</b><br>1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; Snap-in flange; 2,50 mm²; light gray |
| <br><b>Item No.: 2721-1612</b><br>1-conductor male connector; lever; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; 2,50 mm²; light gray | <br><b>Item No.: 2721-1612/336-000</b><br>1-conductor male connector; lever; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; Strain relief plate; 2,50 mm²; light gray | <br><b>Item No.: 721-172/003-000</b><br>Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                                    | <br><b>Item No.: 721-442/001-000</b><br>THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                           |
| <br><b>Item No.: 721-142/001-000</b><br>THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                  | <br><b>Item No.: 721-142/046-000</b><br>THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                                               | <br><b>Item No.: 721-472/001-000</b><br>THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                                                              | <br><b>Item No.: 721-172/001-000</b><br>THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray                         |



1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



**Item No.: 231-668**  
Lockout caps; for covering unused clamping units; gray



**Item No.: 231-669**  
Lockout caps; for covering unused clamping units; orange

1.2.2 Ferrule

1.2.2.1 Ferrule



**Item No.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



**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.: 216-141**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**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.: 216-262**  
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.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-142**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**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



**Item No.: 216-263**  
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



**Item No.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated



**Item No.: 216-143**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



**Item No.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-244**  
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.: 216-264**  
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.: 216-284**  
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.: 216-144**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



**Item No.: 216-104**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-106**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; un-insulated; electro-tin plated; silver-colored



1.2.3 Insulation stop

1.2.3.1 Insulation stop



[Item No.: 231-670](#)  
Insulation stop; 0.08-0.2 mm² / 0.2 mm²  
"s"; white



[Item No.: 231-671](#)  
Insulation stop; 0.25 - 0.5 mm²; light gray



[Item No.: 231-672](#)  
Insulation stop; 0.75 - 1 mm²; dark gray

1.2.4 Jumper

1.2.4.1 Jumper



[Item No.: 231-910](#)  
Jumper; for conductor entry; 10-way; insulated; gray



[Item No.: 231-902](#)  
Jumper; for conductor entry; 2-way; insulated; gray



[Item No.: 231-903](#)  
Jumper; for conductor entry; 3-way; insulated; gray



[Item No.: 231-905](#)  
Jumper; for conductor entry; 5-way; insulated; gray



[Item No.: 231-907](#)  
Jumper; for conductor entry; 7-way; insulated; gray

1.2.5 Marking

1.2.5.1 Marking strip



[Item No.: 210-331/500-103](#)  
Marking strips; as a DIN A4 sheet; MARKED; 1-12 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/500-202](#)  
Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/500-205](#)  
Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-331/500-104](#)  
Marking strips; as a DIN A4 sheet; MARKED; 13-24 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/500-204](#)  
Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-332/500-206](#)  
Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.2.6 Strain relief

1.2.6.1 Strain relief housing



[Item No.: 232-612](#)  
Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 12-pole; gray



1.2.7 Test and measurement

1.2.7.1 Testing accessories



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



Item No.: 231-661  
Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm<sup>2</sup>; light gray

1.2.8 Tool

1.2.8.1 Operating tool



Item No.: 209-132  
Operating tool; for connecting comb-style jumper bar; made of insulating material; 2-way; natural



Item No.: 280-440  
Operating tool; made of insulating material; 10-way; white



Item No.: 209-130  
Operating tool; made of insulating material; 1-way; for 264 Series (1-/2-way), 280, 281 Series (up to 3-way); natural



Item No.: 231-291  
Operating tool; made of insulating material; 1-way; loose; red



Item No.: 231-131  
Operating tool; made of insulating material; 1-way; loose; white



Item No.: 280-432  
Operating tool; made of insulating material; 2-way; white



Item No.: 280-433  
Operating tool; made of insulating material; 3-way; white



Item No.: 280-434  
Operating tool; made of insulating material; 4-way; white



Item No.: 280-435  
Operating tool; made of insulating material; 5-way; gray



Item No.: 280-436  
Operating tool; made of insulating material; 6-way; white



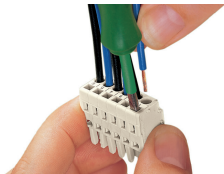
Item No.: 280-437  
Operating tool; made of insulating material; 7-way; white



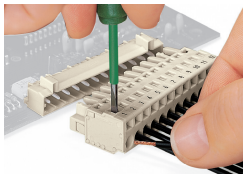
Item No.: 280-438  
Operating tool; made of insulating material; 8-way; white

Installation Notes

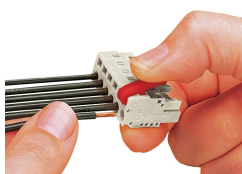
Conductor termination



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.



Inserting a conductor via operating tool.



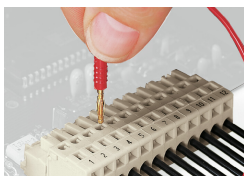
Coding



Coding a female connector by removing coding finger(s).



## Testing



Testing perpendicular to conductor entry with 2 or 2.3 mm Ø test plug – female connector with CAGE CLAMP® – via integrated test ports

## Installation



Male connector with strain relief plate



Strain relief housing shown with a male connector equipped with CAGE CLAMP®