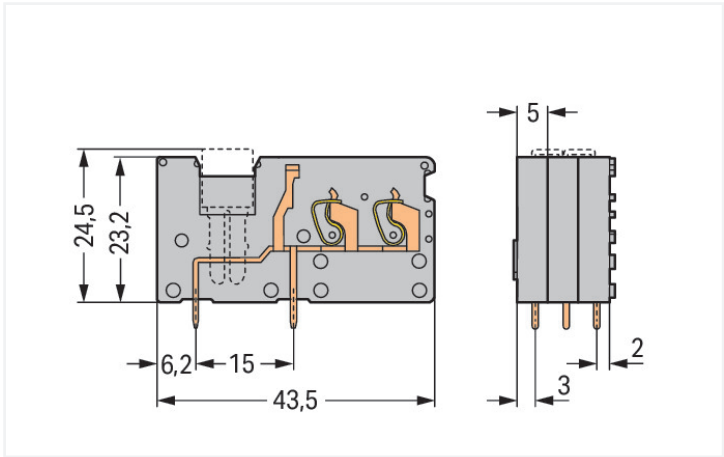




Color: ■ green-yellow      Similar to illustration      Dimensions in mm

PCB terminal block, 742 Series, 90 °conductor entry to board

Quick and easy connections are guaranteed with this PCB terminal block (item number 742-178). It is a universal connector that can be used practically anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Strip lengths must be between 6 and 7 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection provides a safe and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. The dimensions are (7 x 27.2 x 43.5) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is ideal for conductor cross sections ranging from 0.08 mm² to 2.5 mm².

The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. Insert the conductor into the board at an angle of 90°..

| Electrical data                 |  |                |       |       |
|---------------------------------|--|----------------|-------|-------|
| Ratings per                     |  | IEC/EN 60664-1 |       |       |
| Overvoltage category            |  | III            | III   | II    |
| Pollution degree                |  | 3              | 2     | 2     |
| Nominal voltage                 |  | 320 V          | 320 V | 630 V |
| Rated impulse withstand voltage |  | 4 kV           | 4 kV  | 4 kV  |
| Rated current                   |  | 16 A           | 16 A  | 16 A  |
| Approvals per                   |  | UL 1059        |       |       |
| Use group                       |  | B              | C     | D     |
| Rated voltage                   |  | 300 V          | -     | 300 V |
| Rated current                   |  | 10 A           | -     | 10 A  |

| Approvals per |  | CSA   |   |       |
|---------------|--|-------|---|-------|
| Use group     |  | B     | C | D     |
| Rated voltage |  | 300 V | - | 300 V |
| Rated current |  | 10 A  | - | 10 A  |



| Connection Data                                   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
|---------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|----------------|----------------|-----------------|----------------------------------|-------------------------|----------------------------------|-------------------------------------------------|------------------|---------------------------------------------------|------------------|--------------------------------|--------------------|--------------|-----------------------------------|---------------------------------------|------|-------------|---|
| Clamping units                                    | 2                                 | <div>Connection 1</div> <table><tr><td>Connection technology</td><td>CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Operating tool</td></tr><tr><td>Solid conductor</td><td>0.08 ... 2.5 mm² / 28 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.08 ... 2.5 mm² / 28 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.25 ... 1.5 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.25 ... 1.5 mm²</td></tr><tr><td>Note (conductor cross-section)</td><td>12 AWG: THHN, THWN</td></tr><tr><td>Strip length</td><td>6 ... 7 mm / 0.24 ... 0.28 inches</td></tr><tr><td>Conductor connection direction to PCB</td><td>90 °</td></tr><tr><td>Pole number</td><td>1</td></tr></table> | Connection technology | CAGE CLAMP® | Actuation type | Operating tool | 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 ... 1.5 mm² | Note (conductor cross-section) | 12 AWG: THHN, THWN | Strip length | 6 ... 7 mm / 0.24 ... 0.28 inches | Conductor connection direction to PCB | 90 ° | Pole number | 1 |
| Connection technology                             | CAGE CLAMP®                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Actuation type                                    | Operating tool                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| 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 ... 1.5 mm²                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Note (conductor cross-section)                    | 12 AWG: THHN, THWN                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Strip length                                      | 6 ... 7 mm / 0.24 ... 0.28 inches |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Conductor connection direction to PCB             | 90 °                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Pole number                                       | 1                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Total number of potentials                        | 1                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Number of connection types                        | 1                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Number of levels                                  | 1                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |
| Number of jumper slots                            | 1                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |             |                |                |                 |                                  |                         |                                  |                                                 |                  |                                                   |                  |                                |                    |              |                                   |                                       |      |             |   |

| Physical data                        |                                      |                          |
|--------------------------------------|--------------------------------------|--------------------------|
| Pin spacing                          | Pin spacing                          | 5 mm / 0.197 inches      |
| Width                                | Width                                | 7 mm / 0.276 inches      |
| Height                               | Height                               | 27.2 mm / 1.071 inches   |
| Height from the surface              | Height from the surface              | 23.2 mm / 0.913 inches   |
| Depth                                | Depth                                | 43.5 mm / 1.713 inches   |
| Solder pin length                    | Solder pin length                    | 4 mm                     |
| Solder pin dimensions                | Solder pin dimensions                | 1 x 0.8 mm               |
| Drilled hole diameter with tolerance | Drilled hole diameter with tolerance | 1.4 <sup>(+0.1)</sup> mm |

| PCB contact                         |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|
| PCB contact                         | PCB contact                         | THT                                 |
| Solder pin arrangement              | Solder pin arrangement              | within the terminal block (in-line) |
| Number of solder pins per potential | Number of solder pins per potential | 2                                   |

| Material data                      |                                    |                                                                          |
|------------------------------------|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | Color                              | green-yellow                                                             |
| Material group                     | Material group                     | I                                                                        |
| Insulation material (main housing) | Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | Flammability class per UL94        | V0                                                                       |
| Clamping spring material           | Clamping spring material           | Chrome-nickel spring steel (CrNi)                                        |
| Contact material                   | Contact material                   | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    | Contact Plating                    | Tin                                                                      |
| Fire load                          | Fire load                          | 0.08 MJ                                                                  |
| Weight                             | Weight                             | 4.6 g                                                                    |



| Environmental requirements |                 |
|----------------------------|-----------------|
| Limit temperature range    | -60 ... +105 °C |

| Commercial data       |                                |
|-----------------------|--------------------------------|
| Product Group         | 4 (Printed Circuit Connectors) |
| PU (SPU)              | 200 pcs                        |
| Packaging type        | Box                            |
| Country of origin     | CH                             |
| GTIN                  | 4045454266974                  |
| Customs tariff number | 85369010000                    |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-44-04-01          |
| eCl@ss 9.0             | 27-44-04-01          |
| ETIM 9.0               | EC002643             |
| ETIM 10.0              | EC002643             |
| 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                                                                                                                                                                                                                                                                          |          |          |                  |                                                         |   |   |                                                         |   |   |
| CCA<br>DEKRA Certification B.V.                         | EN 60947-7-4  | NTR NL 7813                                                                                                                                                                                                                                                                               |          |          |                  |                                                         |   |   |                                                         |   |   |
| CCA<br>DEKRA Certification B.V.                         | EN 60947-7-4  | 71-112655                                                                                                                                                                                                                                                                                 |          |          |                  |                                                         |   |   |                                                         |   |   |
| CSA<br>DEKRA Certification B.V.                         | C22.2 No. 158 | 1711139                                                                                                                                                                                                                                                                                   |          |          |                  |                                                         |   |   |                                                         |   |   |
| UR<br>Underwriters Laboratories Inc.                    | UL 1059       | E45172                                                                                                                                                                                                                                                                                    |          |          |                  |                                                         |   |   |                                                         |   |   |
|                                                         |               | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor-<br/>mity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | - | - |
| Approval                                                | Standard      | Certificate Name                                                                                                                                                                                                                                                                          |          |          |                  |                                                         |   |   |                                                         |   |   |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -             | -                                                                                                                                                                                                                                                                                         |          |          |                  |                                                         |   |   |                                                         |   |   |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -             | -                                                                                                                                                                                                                                                                                         |          |          |                  |                                                         |   |   |                                                         |   |   |

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 742-178

↓

Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 742-178

↓

CAE data

EPLAN Data Portal 742-178

↓

ZUKEN Portal 742-178

↓

PCB Design

Symbol and Footprint via SamacSys 742-178

↓

Symbol and Footprint via Ultra Librarian 742-178

↓

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate







Item No.: 742-450

End plate; snap-fit type; 1.5 mm thick; blue

Item No.: 742-150

End plate; snap-fit type; 1.5 mm thick; gray

Item No.: 742-850

End plate; snap-fit type; 1.5 mm thick; green-yellow



1.1.2 Jumper

1.1.2.1 Jumper



[Item No.: 280-402](#)  
Jumper; insulated; gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule



[Item No.: 216-321](#)  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



[Item No.: 216-131](#)  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-322](#)  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



[Item No.: 216-132](#)  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated



[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.: 216-221](#)  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



[Item No.: 216-141](#)  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-121](#)  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; 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.: 216-222](#)  
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; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-122](#)  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; 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.: 216-223](#)  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



[Item No.: 216-143](#)  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



[Item No.: 216-123](#)  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-224](#)  
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.: 216-124](#)  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated



[Item No.: 216-144](#)  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



1.2.2 Marking

1.2.2.1 Marker

|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue | <br><b>Item No.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   | <br><b>Item No.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green | <br><b>Item No.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange |
| <br><b>Item No.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red  | <br><b>Item No.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet | <br><b>Item No.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white         | <br><b>Item No.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow |
| <br><b>Item No.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue                                  | <br><b>Item No.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray                                    | <br><b>Item No.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green                                  | <br><b>Item No.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green                             |
| <br><b>Item No.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange                                | <br><b>Item No.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red                                     | <br><b>Item No.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet                                 | <br><b>Item No.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                                           |
| <br><b>Item No.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow                                |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                          |

1.2.3 Test and measurement

1.2.3.1 Testing accessories

|                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable; red |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

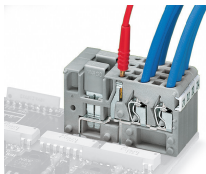
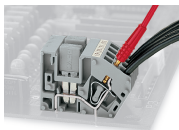
1.2.4 Tool

1.2.4.1 Operating tool

|                                                                                                                                                                                                         |                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | <br><b>Item No.: 210-657</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Installation Notes

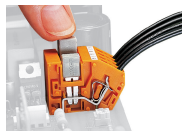
Testing



Testing – disconnect/test terminal block  
Testing all types of terminal blocks via 2 mm or 2.3 mm Ø test plugs.

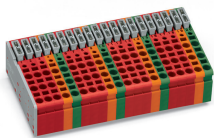
Testing – disconnect/test terminal block  
Testing all types of terminal blocks via 2 mm or 2.3 mm Ø test plugs.

Commoning

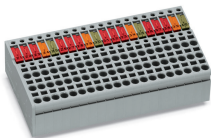


Commoning with adjacent jumpers.  
Push jumper down until fully inserted.

Application



Mixed-color terminal strips are available upon request.



Mixed-color knife disconnect/test terminal strips are available upon request.



Custom terminal strips are available upon request.