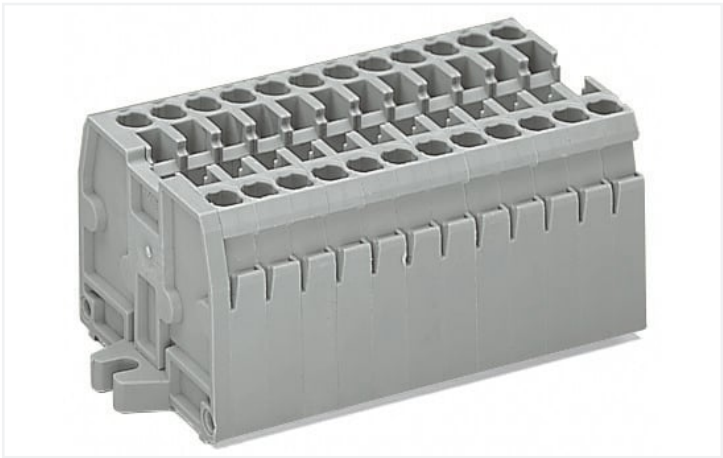


Data Sheet | Item Number: 869-204

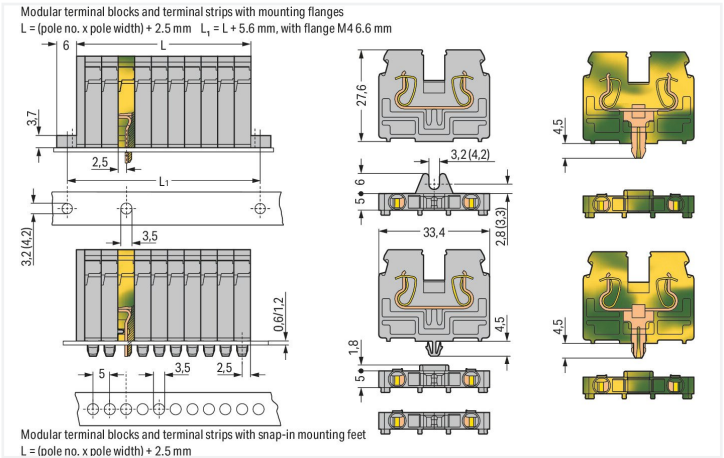
2-conductor terminal strip; without push-buttons; with fixing flanges M4; 4-pole; for screw or similar mounting types; Fixing hole 4.2 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/869-204>



Color: ■ gray

Similar to illustration



Dimensions in mm  
Dimensions in mm  
Modular terminal blocks and terminal strips with mounting flanges or snap-in mounting feet

| Notes              |                                  |
|--------------------|----------------------------------|
| Safety information | Max. insulation diameter: 4.4 mm |

| Electrical data               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Ratings per IEC/EN            |                                                           |
| Nominal voltage (III/3)       | 500 V                                                     |
| Rated impulse voltage (III/3) | 6 kV                                                      |
| Rated current                 | 24 A                                                      |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

| Connection data            |   |
|----------------------------|---|
| Connection points          | 8 |
| Total number of potentials | 4 |
| Number of levels           | 1 |

| Connection 1                                    |                                   |
|-------------------------------------------------|-----------------------------------|
| Connection technology                           | CAGE CLAMP®                       |
| Actuation type                                  | Operating tool                    |
| Connectable conductor materials                 | Copper                            |
| Solid conductor                                 | 0.08 ... 2.5 mm² / 28 ... 12 AWG  |
| Fine-stranded conductor                         | 0.08 ... 4 mm² / 28 ... 12 AWG    |
| Fine-stranded conductor; with insulated ferrule | 0.08 ... 1.5 mm² / 28 ... 14 AWG  |
| Strip length                                    | 6 ... 7 mm / 0.24 ... 0.28 inches |
| Pole number                                     | 4                                 |
| Wiring direction                                | Front-entry wiring                |



| Physical data           |                        |
|-------------------------|------------------------|
| Width                   | 34.5 mm / 1.358 inches |
| Height from the surface | 27.6 mm / 1.087 inches |
| Depth                   | 33.4 mm / 1.315 inches |
| Module width            | 5 mm / 0.197 inches    |

| Mechanical data |                    |
|-----------------|--------------------|
| Design          | horizontal type    |
| Mounting type   | Mounting flange M4 |
| Marking level   | Side marking       |

| Material data               |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | gray                                                                                                                   |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Fire load                   | 0.387 MJ                                                                                                               |
| Halogen-free                | Yes                                                                                                                    |
| Weight                      | 18.2 g                                                                                                                 |

| Commercial data       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-06   |
| eCl@ss 9.0            | 27-14-11-06   |
| ETIM 8.0              | EC001284      |
| ETIM 7.0              | EC001284      |
| PU (SPU)              | 100 pcs       |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4044918481748 |
| Customs tariff number | 85369010000   |

| 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 | 2143311.02       |
| CCA<br>DEKRA Certification B.V.     | EN 60947 | NTR NL 6827/A1   |
| UL<br>UL International Germany GmbH | UL 1059  | E45172           |

| 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               | EN 60947 | 20-HG1941090-PDA |
| DNV GL<br>Det Norske Veritas, Ger-<br>manischer Lloyd | -        | TAE00001V2       |

Downloads

Environmental Product Compliance

| Compliance Search                           |
|---------------------------------------------|
| Environmental Product<br>Compliance 869-204 |



Documentation

| Additional Information |
|------------------------|
| Technical Section      |

pdf  
2240.62 KB



| Bid Text        |
|-----------------|
| 869-204         |
| 19.02.2019      |
| xml<br>3.18 KB  |
| 869-204         |
| 14.06.2017      |
| doc<br>24.00 KB |



CAD/CAE-Data

| CAD data             |
|----------------------|
| 2D/3D Models 869-204 |



| CAE data                  |
|---------------------------|
| WSCAD Universe<br>869-204 |
| ZUKEN Portal 869-204      |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[Item No.: 216-321](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24; in-  
sulated; electro-tin plated; yellow

[Item No.: 216-131](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24; un-  
insulated; electro-tin plated; silver-co-  
lored

[Item No.: 216-322](#)  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-  
sulated; electro-tin plated; light turquoise

[Item No.: 216-132](#)  
Ferrule; Sleeve for 0.34 mm² / AWG 24; un-  
insulated; electro-tin plated



[Item No.: 216-221](#)  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-  
sulated; electro-tin plated; white

[Item No.: 216-121](#)  
Ferrule; Sleeve for 0.5 mm² / AWG 22; un-  
insulated; electro-tin plated; silver-co-  
lored

[Item No.: 216-222](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-  
sulated; electro-tin plated; gray

[Item No.: 216-122](#)  
Ferrule; Sleeve for 0.75 mm² / AWG 20; un-  
insulated; electro-tin plated; silver-co-  
lored

## 1.1.1.1 Ferrule

Item No.: 216-223

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

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.: 216-124

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

## 1.1.2 Insulation stop

## 1.1.2.1 Insulation stop

Item No.: 280-470

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white

Item No.: 280-471

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

Item No.: 280-472

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; black

## 1.1.3 Jumper

## 1.1.3.1 Jumper

Item No.: 870-405/011-000Item No.: 870-407/011-000Item No.: 870-409/011-000Item No.: 870-406/020-000

Delta jumper; insulated; light gray

Item No.: 870-410

Jumper; 10-way; insulated; light gray

Item No.: 870-402

Jumper; 2-way; insulated; light gray

Item No.: 870-403

Jumper; 3-way; insulated; light gray

Item No.: 870-404

Jumper; 4-way; insulated; light gray

Item No.: 870-405

Jumper; 5-way; insulated; light gray

Item No.: 870-406

Jumper; 6-way; insulated; light gray

Item No.: 870-407

Jumper; 7-way; insulated; light gray

Item No.: 870-408

Jumper; 8-way; insulated; light gray

Item No.: 870-409

Jumper; 9-way; insulated; light gray

Item No.: 870-440

Jumper; from 1 to 10; insulated; light gray

Item No.: 870-433

Jumper; from 1 to 3; insulated; light gray

Item No.: 870-434

Jumper; from 1 to 4; insulated; light gray

Item No.: 870-435

Jumper; from 1 to 5; insulated; light gray

## 1.1.4 Marking

## 1.1.4.1 Group marker carrier

Item No.: 870-182

Adaptor; gray

Item No.: 870-183

Adaptor; gray

Item No.: 870-184

Adaptor; gray



1.1.4.2 Marker

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><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</p>                   | <p><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</p>              | <p><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</p>           | <p><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</p>            |
| <p><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</p>                    | <p><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</p>            | <p><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</p>                   | <p><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</p>            |
| <p><b>Item No.: 248-501/000-006</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p>                                                    | <p><b>Item No.: 248-501/000-007</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p>                                               | <p><b>Item No.: 248-501/000-023</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p>                                            | <p><b>Item No.: 248-501/000-017</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p>                                        |
| <p><b>Item No.: 248-501/000-012</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p>                                                  | <p><b>Item No.: 248-501/000-005</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p>                                                | <p><b>Item No.: 248-501/000-024</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>                                           | <p><b>Item No.: 248-501</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p>                                                      |
| <p><b>Item No.: 248-501/000-002</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p>                                                | <p><b>Item No.: 793-5501/000-006</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>    | <p><b>Item No.: 793-5501/000-007</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>  | <p><b>Item No.: 793-5501/000-023</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>   |
| <p><b>Item No.: 793-5501/000-017</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green</p>  | <p><b>Item No.: 793-5501/000-012</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>  | <p><b>Item No.: 793-5501/000-005</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>   | <p><b>Item No.: 793-5501/000-024</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>  |
| <p><b>Item No.: 793-5501</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>                | <p><b>Item No.: 793-5501/000-002</b><br/>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>  | <p><b>Item No.: 793-501/000-006</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>                                                | <p><b>Item No.: 793-501/000-007</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>                                                  |
| <p><b>Item No.: 793-501/000-023</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; green</p>                                                      | <p><b>Item No.: 793-501/000-017</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>                                           | <p><b>Item No.: 793-501/000-012</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>                                              | <p><b>Item No.: 793-501/000-005</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; red</p>                                                   |
| <p><b>Item No.: 793-501/000-024</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; violet</p>                                                     | <p><b>Item No.: 793-501</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; white</p>                                                         | <p><b>Item No.: 793-501/000-002</b><br/>WMB marking card; as card; not stretchable; plain; snap-on type; yellow</p>                                              | <p><b>Item No.: 2009-115/000-006</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>                 |
| <p><b>Item No.: 2009-115/000-007</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>                      | <p><b>Item No.: 2009-115/000-023</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>                | <p><b>Item No.: 2009-115/000-017</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green</p>        | <p><b>Item No.: 2009-115/000-012</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>               |
| <p><b>Item No.: 2009-115/000-024</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>                    | <p><b>Item No.: 2009-115</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>                        | <p><b>Item No.: 2009-115/000-002</b><br/>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>             |                                                                                                                                                                                                                                                         |

1.1.4.3 Marking strip



**Item No.: 709-196**  
Marking strips; for laser printer; translucent



**Item No.: 709-177**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**  
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.5 Protective warning marker

1.1.5.1 Cover



**Item No.: 280-405**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.6 Test and measurement

1.1.6.1 Testing accessories



**Item No.: 870-427**  
Spacer module; modular; bridging commoned terminal blocks; gray



**Item No.: 870-426**  
Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray



**Item No.: 870-425**  
Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray

1.1.7 Tool

1.1.7.1 Operating tool



**Item No.: 210-658**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



**Item No.: 210-657**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

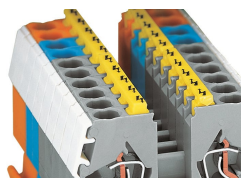
Installation Notes

Commoning



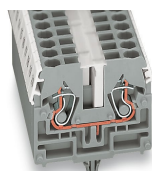
Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on the right and then left side until installed.  
Push-in type jumper bars 1 – 3 – 5 – 7 or 1 – – 4 – – 7 upon request

## Cover



Protective warning markers (280-405),  
with a black high-voltage symbol

## Marking



WMB markers in Mini-WSB marker slots  
Translucent marking strip  
Mini-WSB markers