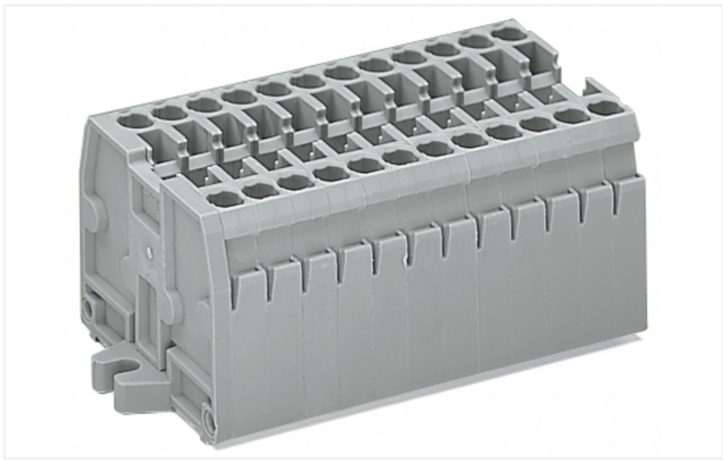


**Data Sheet | Item Number: 869-241**

2-conductor terminal strip; without push-buttons; with fixing flanges M4; 11-pole; for screw or similar mounting types; Fixing hole 4.2 mm Ø; 2.5 mm<sup>2</sup>; CAGE CLAMP®; light gray

<https://www.wago.com/869-241>



Color: ■ light gray

Similar to illustration

Through terminal block, 869 Series, light gray

Easily, quickly and safely connect conductors with this through terminal block (item number 869-241). Ensure that the strip lengths are between 6 and 7 mm when connecting conductors to this through terminal block. Whether for industrial or building applications, you can use our through terminal blocks to connect electrical conductors quickly and safely. We offer variants for both classic through-wiring and potential distribution. Featuring conductor terminals along with CAGE CLAMP®, this connector is highly versatile. Our celebrated universal connection known as CAGE CLAMP® is the industry standard for connection technology and electrical interconnections. The dimensions are (69.5 x 27.6 x 33.4) mm (width x height x depth). Depending on the conductor type, this through terminal block is designed for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 2.5 mm<sup>2</sup>.

An operating tool is used to operate this mini rail-mount terminal block.

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

| Electrical data                           |                                                           |                     |                    |
|-------------------------------------------|-----------------------------------------------------------|---------------------|--------------------|
| Ratings per IEC/EN                        |                                                           | General information |                    |
| Nominal voltage (III/3)                   | 500 V                                                     | Wiring direction    | Front-entry wiring |
| Rated impulse withstand voltage (III / 3) | 6 kV                                                      |                     |                    |
| Rated current                             | 24 A                                                      |                     |                    |
| Legend (ratings)                          | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |                     |                    |

| Physical data |                        |
|---------------|------------------------|
| Width         | 69.5 mm / 2.736 inches |
| Height        | 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="#">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                                                                       |
| Fire load                          | 0.764 MJ                                                                 |
| Halogen-free                       | Yes                                                                      |
| Weight                             | 46.9 g                                                                   |

| Commercial data       |               |
|-----------------------|---------------|
| PU (SPU)              | 25 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4044918482271 |
| Customs tariff number | 85369010000   |



| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121410             |
| eCl@ss 10.0            | 27-14-11-06          |
| eCl@ss 9.0             | 27-14-11-06          |
| ETIM 9.0               | EC001284             |
| ETIM 10.0              | EC001284             |
| ECCN                   | NO US CLASSIFICATION |

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

| Approvals / Certificates                                                         |          |                                                                                                                                                                                                                                                                               |          |          |                  |                                                    |   |   |                                                    |   |   |
|----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------------------------------------------|---|---|----------------------------------------------------|---|---|
| General approvals                                                                |          | Declarations of conformity and manufacturer's declarations                                                                                                                                                                                                                    |          |          |                  |                                                    |   |   |                                                    |   |   |
|  |          |                                                                                                                                                                                                                                                                               |          |          |                  |                                                    |   |   |                                                    |   |   |
| Approval                                                                         | Standard | Certificate Name                                                                                                                                                                                                                                                              |          |          |                  |                                                    |   |   |                                                    |   |   |
| 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                                                                                                                                                                                                                                                                        |          |          |                  |                                                    |   |   |                                                    |   |   |
|                                                                                  |          | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| Approval                                                                         | Standard | Certificate Name                                                                                                                                                                                                                                                              |          |          |                  |                                                    |   |   |                                                    |   |   |
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG                               | -        | -                                                                                                                                                                                                                                                                             |          |          |                  |                                                    |   |   |                                                    |   |   |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG                               | -        | -                                                                                                                                                                                                                                                                             |          |          |                  |                                                    |   |   |                                                    |   |   |

| Approvals for marine applications                                                  |          |                   |
|------------------------------------------------------------------------------------|----------|-------------------|
|  |          |                   |
| Approval                                                                           | Standard | Certificate Name  |
| ABS<br>American Bureau of Shipping                                                 | EN 60947 | 24-0152298-PDA    |
| PRS<br>Polski Rejestr Statków                                                      | -        | TE/1094/880590/23 |

| Downloads                                |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance         |                                                                                     |
| Compliance Search                        |                                                                                     |
| Environmental Product Compliance 869-241 |  |



Documentation

| Bid Text |            |                 |  |
|----------|------------|-----------------|--|
| 869-241  | 19.02.2019 | xml<br>3.18 KB  |  |
| 869-241  | 14.06.2017 | doc<br>24.00 KB |  |

CAD/CAE-Data

| CAD data             |  | CAE data                  |  |
|----------------------|--|---------------------------|--|
| 2D/3D Models 869-241 |  | WSCAD Universe<br>869-241 |  |
|                      |  | ZUKEN Portal 869-241      |  |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                          |                                                                                                                    |                                                                                                                   |                                                                                                                    |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|                                                                                                          |                                                                                                                    |                                                                                                                   |                                                                                                                    |
| <b>Item No.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow | <b>Item No.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored | <b>Item No.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise | <b>Item No.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm² / 22 AWG; uninsulated; electro-tin plated                 |
|                                                                                                          |                                                                                                                    |                                                                                                                   |                                                                                                                    |
| <b>Item No.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white   | <b>Item No.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored  | <b>Item No.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray            | <b>Item No.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; silver-colored |
|                                                                                                          |                                                                                                                    |                                                                                                                   |                                                                                                                    |
| <b>Item No.: 216-223</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red       | <b>Item No.: 216-123</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored    | <b>Item No.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black            | <b>Item No.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated                  |

1.1.2 Insulation stop

1.1.2.1 Insulation stop

|                                                                                                          |                                                                                         |                                                                                  |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|                                                                                                          |                                                                                         |                                                                                  |
| <b>Item No.: 280-470</b><br>Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white | <b>Item No.: 280-471</b><br>Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray | <b>Item No.: 280-472</b><br>Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black |

### 1.1.3 Jumper

#### 1.1.3.1 Jumper



**Item No.: 870-407/011-000**



**Item No.: 870-409/011-000**



**Item 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



**Item No.: 870-405/011-000**  
Jumper; 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



**Item No.: 2009-145/000-006**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-145/000-007**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-145/000-023**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-145/000-012**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-145/000-005**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 2009-145/000-024**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-145**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-145/000-002**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 248-501/000-006**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 248-501/000-017**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 248-501/000-005**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 248-501/000-002**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



**Item No.: 793-5501/000-006**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 793-5501/000-007**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 793-5501/000-023**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



1.1.4.2 Marker



**Item No.: 793-5501/000-017**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 793-5501/000-012**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



**Item No.: 793-5501/000-024**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



**Item No.: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type; blue



**Item No.: 793-501/000-007**  
WMB marking card; as card; not stretchable; plain; snap-on type; gray



**Item No.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 793-501/000-002**  
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



**Item No.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-115/000-007**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



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



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



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



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



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



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

1.1.4.3 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

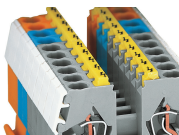
Installation Notes

Commoning



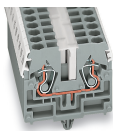
Push down a push-in type jumper bar evenly until fully inserted.  
Push down alternately in multiple cycles for higher-pole variants.  
Do not place the operating tool in the test slots of the jumper.

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

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)