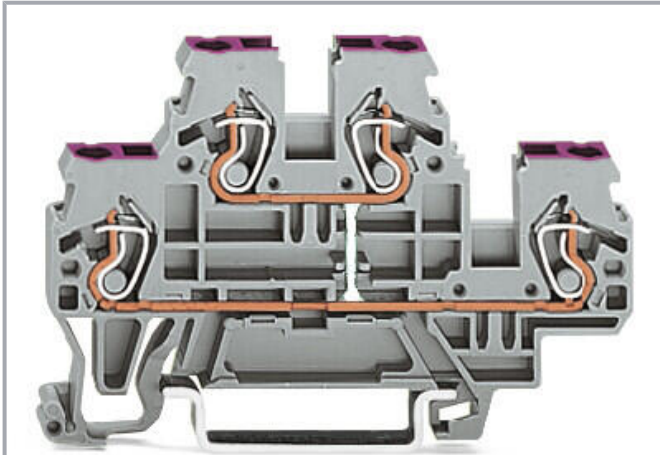


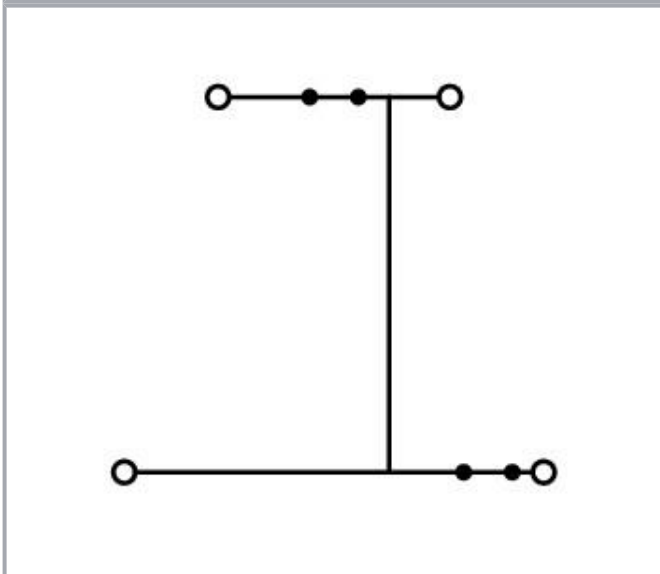
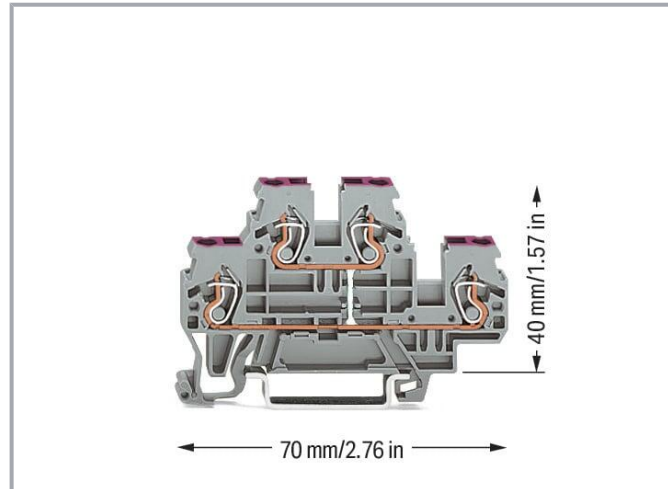
## Data sheet | Item number: 870-508

Double-deck terminal block; 4-conductor through terminal block; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/870-508](http://www.wago.com/870-508)



Color: —



### Data

### Notes

Safety information

Max. insulation diameter: 4.4 mm

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

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## Electrical data

### Ratings per IEC/EN

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Ratings per                   | IEC/EN 60947-7-1                                                     |
| Nominal voltage (III/3)       | 500 V                                                                |
| Rated impulse voltage (III/3) | 6 kV                                                                 |
| Rated current                 | 24 A                                                                 |
| Legend (ratings)              | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

### Power Loss

|                                                              |                |
|--------------------------------------------------------------|----------------|
| Power loss, per pole (potential)                             | 0.766 W        |
| Rated current $I_N$ for specified power loss                 | 24 A           |
| Resistance value for specified, current-dependent power loss | 0.001 $\Omega$ |

### Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 4 |
| Total number of potentials | 1 |
| Number of levels           | 2 |

### Connection 1

|                                                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| Connection technology                           | CAGE CLAMP®                                  |
| Actuation type                                  | Operating tool                               |
| Connectable conductor materials                 | Copper                                       |
| Solid conductor                                 | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor                         | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG   |
| Fine-stranded conductor; with insulated ferrule | 0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG |
| Strip length                                    | 6 ... 7 mm / 0.24 ... 0.28 inches            |
| Wiring direction                                | Front-entry wiring                           |

### Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 5 mm / 0.197 inches  |
| Height                            | 70 mm / 2.756 inches |
| Depth from upper-edge of DIN-rail | 40 mm / 1.575 inches |

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

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## Mechanical Data

|                   |                 |
|-------------------|-----------------|
| Potential marking | L               |
| Design            | horizontal type |
| Mounting type     | DIN-35 rail     |
| Marking level     | Side marking    |

## Material Data

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Note (material data)        | Information on material specifications can be found here |
| Color                       | gray                                                     |
| Material group              | I                                                        |
| Insulation material         | Polyamide (PA66)                                         |
| Flammability class per UL94 | V0                                                       |
| Fire load                   | 0.191 MJ                                                 |
| Weight                      | 10.3 g                                                   |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |

## Commercial data

|                       |                                            |
|-----------------------|--------------------------------------------|
| Product Group         | 16 (Rail Mounted Terminal Blocks with CCC) |
| eCl@ss 10.0           | 27-14-11-20                                |
| eCl@ss 9.0            | 27-14-11-20                                |
| ETIM 8.0              | EC000897                                   |
| ETIM 7.0              | EC000897                                   |
| PU (SPU)              | 50 pcs                                     |
| Packaging type        | box                                        |
| Country of origin     | DE                                         |
| GTIN                  | 4045454117993                              |
| Customs tariff number | 85369010000                                |

## Environmental Product Compliance

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

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

## Approvals / Certificates

### General approvals

| Logo                                                                             | Approval                               | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|----------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.        | EN 60947                 | NTR NL<br>7468   |
|  | CCA<br>DEKRA Certification B.V.        | EN 60947                 | 2189801.01       |
|  | cURus<br>UL International Germany GmbH | UL 1059                  | E45172           |

### Declarations of conformity and manufacturer's declarations

| Logo                                                                               | Approval                                           | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------|------------------|
|   | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |
|  | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |

### Approvals for marine applications

| Logo                                                                               | Approval                                         | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|--------------------------|
|  | ABS<br>American Bureau of Shipping               | -                        | 20-<br>HG1941090-<br>PDA |
|  | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|                                                                                    | LR<br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

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## Required accessories

### End plate

#### End plate



**Item no.: 870-518**

End and intermediate plate; 2 mm thick; gray

[www.wago.com/870-518](http://www.wago.com/870-518)



**Item no.: 870-519**

End and intermediate plate; 2 mm thick; orange

[www.wago.com/870-519](http://www.wago.com/870-519)

## Optional accessories

### Ferrule

#### Ferrule



**Item no.: 216-123**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-123](http://www.wago.com/216-123)



**Item no.: 216-122**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-122](http://www.wago.com/216-122)



**Item no.: 216-124**

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

[www.wago.com/216-124](http://www.wago.com/216-124)



**Item no.: 216-132**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated

[www.wago.com/216-132](http://www.wago.com/216-132)



**Item no.: 216-121**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-121](http://www.wago.com/216-121)



**Item no.: 216-131**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-131](http://www.wago.com/216-131)



**Item no.: 216-223**

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

[www.wago.com/216-223](http://www.wago.com/216-223)



**Item no.: 216-222**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-222](http://www.wago.com/216-222)



**Item no.: 216-221**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-221](http://www.wago.com/216-221)



**Item no.: 216-224**

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

[www.wago.com/216-224](http://www.wago.com/216-224)

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

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|                                                                                 |                                                                                                                      |                                                                |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow | <a href="http://www.wago.com/216-321">www.wago.com/216-321</a> |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

|                                                                                 |                                                                                                                               |                                                                |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise | <a href="http://www.wago.com/216-322">www.wago.com/216-322</a> |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

### Marking accessories

|               |  |  |
|---------------|--|--|
| Marking strip |  |  |
|---------------|--|--|

|                                                                                  |                                                                            |                                                                |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 709-196</b><br>Marking strips; for laser printer; translucent | <a href="http://www.wago.com/709-196">www.wago.com/709-196</a> |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------|

|                                                                                  |                                                                                                               |                                                                |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 709-178</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/709-178">www.wago.com/709-178</a> |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

|                                                                                  |                                                                                                                     |                                                                |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 709-177</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent | <a href="http://www.wago.com/709-177">www.wago.com/709-177</a> |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

|        |  |  |
|--------|--|--|
| Marker |  |  |
|--------|--|--|

|                                                                                  |                                                                                                                                              |                                                                                  |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a> |
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|                                                                                    |                                                                                                                                                   |                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

|                                                                                    |                                                                                                                                             |                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
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|                                                                                    |                                                                                                                                              |                                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

|                                                                                    |                                                                                                                                          |                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <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 | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a> |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

**Item no.: 2009-145/000-002**

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

|                                                                                    |                                                                                                                                                   |                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow                                      | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |
|    | <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   | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|    | <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    | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
|    | <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 | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
|    | <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  | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|    | <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 | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
|   | <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               | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>                 |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue                                    | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>   |
|  | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray                                    | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>   |
|  | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow                                  | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>   |
|  | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange                                  | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>   |
|  | <b>Item no.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white                                           | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                   |

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

**Item no.: 248-501/000-017**

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

[www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)**Item no.: 248-501/000-005**

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

[www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)**Item no.: 248-501/000-024**

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

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)**Item no.: 248-501/000-023**

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

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)**Item no.: 793-5501/000-007**

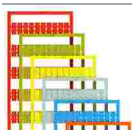
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)**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

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)**Item no.: 793-5501/000-017**

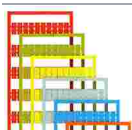
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)**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

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)**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

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)**Item no.: 793-501/000-002**

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

[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)**Item no.: 793-501/000-007**

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

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)

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



**Item no.: 793-501/000-017**

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

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)



**Item no.: 793-501/000-012**

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

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



**Item no.: 793-501/000-023**

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

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)



**Item no.: 793-501/000-006**

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

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)



**Item no.: 793-501/000-005**

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

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)



**Item no.: 793-501**

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

[www.wago.com/793-501](http://www.wago.com/793-501)



**Item no.: 793-501/000-024**

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

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)



**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

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**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

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



**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

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



**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

[www.wago.com/793-5501](http://www.wago.com/793-5501)

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

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|                                                                                     |                                                                                                                                              |                                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | <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 | <a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a> |
|    | <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   | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a> |
| Group marker carrier                                                                |                                                                                                                                              |                                                                                  |
|      | <b>Item no.: 870-183</b><br>Adaptor; gray                                                                                                    | <a href="http://www.wago.com/870-183">www.wago.com/870-183</a>                   |
|      | <b>Item no.: 870-182</b><br>Adaptor; gray                                                                                                    | <a href="http://www.wago.com/870-182">www.wago.com/870-182</a>                   |
|      | <b>Item no.: 870-184</b><br>Adaptor; gray                                                                                                    | <a href="http://www.wago.com/870-184">www.wago.com/870-184</a>                   |
| Jumpers                                                                             |                                                                                                                                              |                                                                                  |
| Jumper                                                                              |                                                                                                                                              |                                                                                  |
|      | <b>Item no.: 870-402</b><br>Jumper; 2-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-402">www.wago.com/870-402</a>                   |
|    | <b>Item no.: 870-404</b><br>Jumper; 4-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-404">www.wago.com/870-404</a>                   |
|   | <b>Item no.: 870-405</b><br>Jumper; 5-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-405">www.wago.com/870-405</a>                   |
|    | <b>Item no.: 870-407</b><br>Jumper; 7-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-407">www.wago.com/870-407</a>                   |
|    | <b>Item no.: 870-408</b><br>Jumper; 8-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-408">www.wago.com/870-408</a>                   |
|  | <b>Item no.: 870-403</b><br>Jumper; 3-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-403">www.wago.com/870-403</a>                   |
|    | <b>Item no.: 870-409</b><br>Jumper; 9-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-409">www.wago.com/870-409</a>                   |
|    | <b>Item no.: 870-406</b><br>Jumper; 6-way; insulated; light gray                                                                             | <a href="http://www.wago.com/870-406">www.wago.com/870-406</a>                   |
|   | <b>Item no.: 870-433</b><br>Jumper; from 1 to 3; insulated; light gray                                                                       | <a href="http://www.wago.com/870-433">www.wago.com/870-433</a>                   |

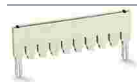
Subject to changes. Please also observe the further product documentation!

**Item no.: 870-435**

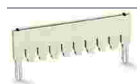
Jumper; from 1 to 5; insulated; light gray

[www.wago.com/870-435](http://www.wago.com/870-435)**Item no.: 870-410**

Jumper; 10-way; insulated; light gray

[www.wago.com/870-410](http://www.wago.com/870-410)**Item no.: 870-434**

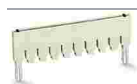
Jumper; from 1 to 4; insulated; light gray

[www.wago.com/870-434](http://www.wago.com/870-434)**Item no.: 870-436**

Jumper; from 1 to 6; insulated; light gray

[www.wago.com/870-436](http://www.wago.com/870-436)**Item no.: 870-440**

Jumper; from 1 to 10; insulated; light gray

[www.wago.com/870-440](http://www.wago.com/870-440)**Item no.: 870-437**

Jumper; from 1 to 7; insulated; light gray

[www.wago.com/870-437](http://www.wago.com/870-437)**Item no.: 870-439**

Jumper; from 1 to 9; insulated; light gray

[www.wago.com/870-439](http://www.wago.com/870-439)**Item no.: 870-438**

Jumper; from 1 to 8; insulated; light gray

[www.wago.com/870-438](http://www.wago.com/870-438)**Item no.: 870-406/020-000**

Delta jumper; insulated; light gray

[www.wago.com/870-406/020-000](http://www.wago.com/870-406/020-000)**Protective warning marker**

Cover

**Item no.: 280-405**

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

[www.wago.com/280-405](http://www.wago.com/280-405)**Insulation stop**

Insulation stop

**Item no.: 280-472**Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; black[www.wago.com/280-472](http://www.wago.com/280-472)**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[www.wago.com/280-470](http://www.wago.com/280-470)**Item no.: 280-471**Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray[www.wago.com/280-471](http://www.wago.com/280-471)**Mounting**

Mounting accessories

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)

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

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**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)**Item no.: 249-117**

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-117](http://www.wago.com/249-117)**Carrier rail**

## Mounting accessories

**Item no.: 210-197**

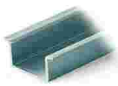
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://www.wago.com/210-197)**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-504](http://www.wago.com/210-504)**Item no.: 210-505**

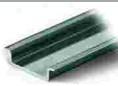
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

[www.wago.com/210-505](http://www.wago.com/210-505)**Item no.: 210-506**

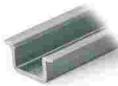
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-506](http://www.wago.com/210-506)**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

[www.wago.com/210-508](http://www.wago.com/210-508)**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-113](http://www.wago.com/210-113)**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-118](http://www.wago.com/210-118)**Item no.: 210-112**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

[www.wago.com/210-112](http://www.wago.com/210-112)**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-114](http://www.wago.com/210-114)**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored

[www.wago.com/210-115](http://www.wago.com/210-115)**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-196](http://www.wago.com/210-196)**Testing and measuring**

## Testing accessories

**Item no.: 870-425**

Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with

[www.wago.com/870-425](http://www.wago.com/870-425)

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

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jumper slots in the current bar; gray

**Item no.: 870-426**

Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray

[www.wago.com/870-426](http://www.wago.com/870-426)

**Item no.: 870-427**

Spacer module; modular; bridging commoned terminal blocks; gray

[www.wago.com/870-427](http://www.wago.com/870-427)

**Tool**

Operating tool

**Item no.: 210-657**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

[www.wago.com/210-657](http://www.wago.com/210-657)

**Item no.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

[www.wago.com/210-658](http://www.wago.com/210-658)

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

**Downloads****Documentation****Bid Text**

|             |             |        |          |
|-------------|-------------|--------|----------|
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| X81 - Datei |             | 3.4 kB |          |

|             |             |         |          |
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**CAE data**

|                           |     |          |
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| EPLAN Data Portal 870-508 | URL | Download |
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| WSCAD Universe 870-508 | <a href="#">URL</a> | <a href="#">Download</a> |
| ZUKEN Portal 870-508   | <a href="#">URL</a> | <a href="#">Download</a> |

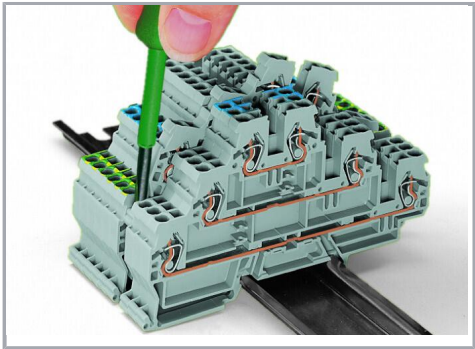
Environmental Product Compliance

Compliance Search

|                                                                                                                                                                                                     |                     |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|
| Environmental Product Compliance 870-508                                                                                                                                                            | <a href="#">URL</a> | <a href="#">Download</a> |
| Double-deck terminal block; 4-conductor through terminal block; L; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray |                     |                          |

Installation Notes

Installation



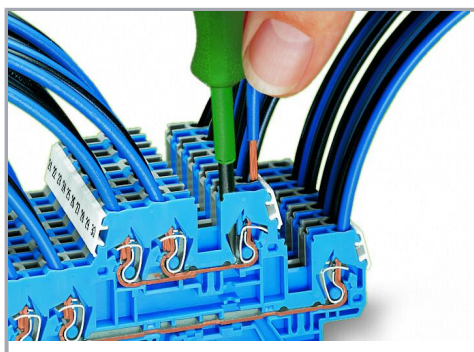
Removing a terminal block from the assembly.

Conductor termination

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

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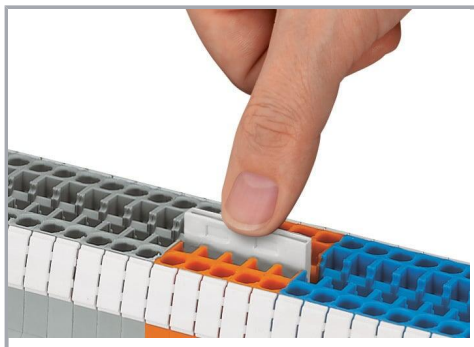


### CAGE CLAMP® connection

Inserting a conductor via operating tool (0.08 ... 4 mm<sup>2</sup> "f-st").

With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

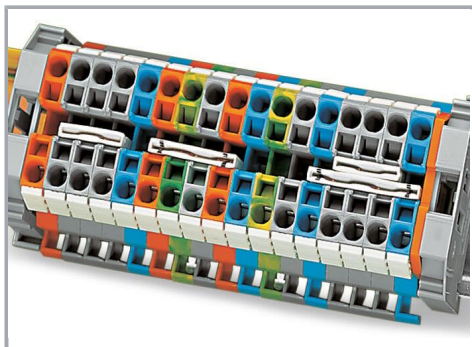
### Commoning



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

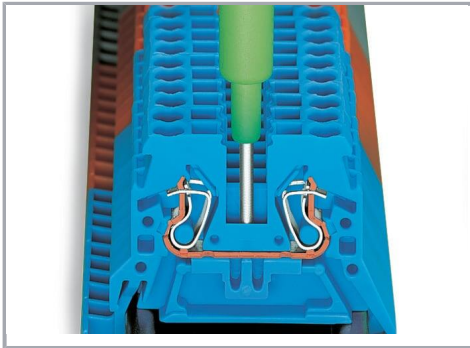


Commoning with push-in type jumper bars:

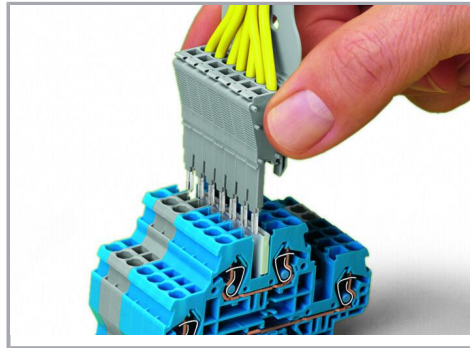
Two parallel jumper slots are accommodated in one terminal block.

### Testing

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

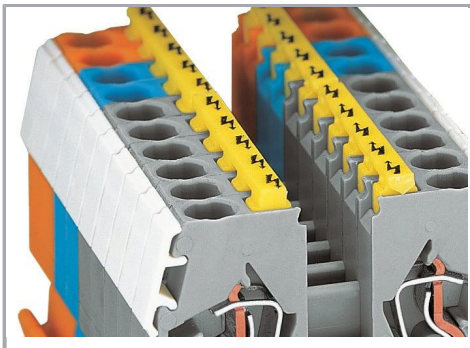


Testing with phase testing device, also possible with single-pole voltage tester.

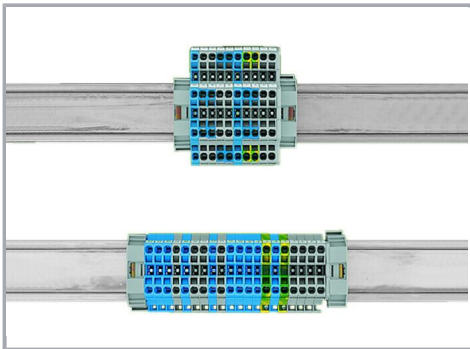


Testing is also possible using a pre-wired tap-off module assembly in the very same way as test plugs.

### Cover



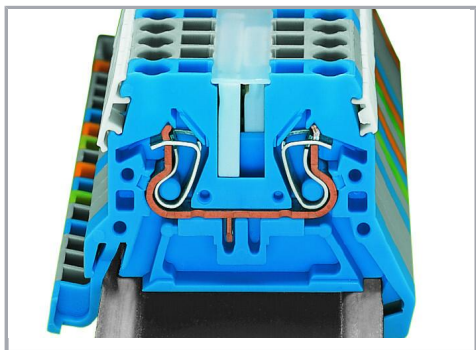
Protective warning markers (280-405), with a black high-voltage symbol



Use 50% less rail space with double-deck terminal blocks.

### Marking

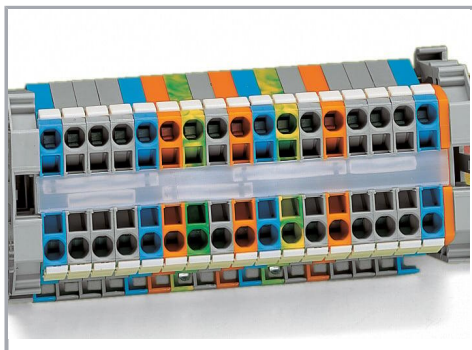
Subject to changes. Please also observe the further product documentation!



WMB markers in Mini-WSB marker slots

Translucent marking strip

Mini-WSB markers



Translucent marking strip (709-196) – jumpers below may be visible.



In addition to the plastic marker strips, group marker carriers are now available for the WMB and WSB marking systems. They can be mounted in parallel to a push-in type jumper bar via the open jumper contact slot. It is also very useful if the marker slots on the side of the terminal block are hidden. The carriers are available in the following widths: 5 mm (0.197 inch), 10 mm (0.394 inch) and 15 mm (0.591 inch).

**Notice:**

Group marker carriers are not suitable for ground conductor terminal blocks and double potential terminal blocks as they have no jumper contact slots.

**Product family**

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



**Classic**

EPSITRON® CLASSIC POWER: The Robust Power Supply – with Integrated TopBoost (Optional)

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