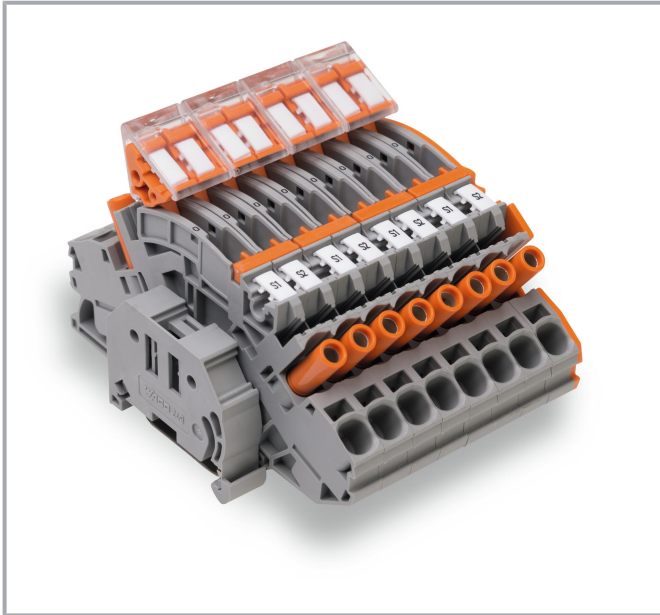


Data sheet | Item number: 2007-8877

Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured

www.wago.com/2007-8877



Item description

Contains:

- 8 x 2-conductor disconnect/test terminal block, with touch-proof test sockets, for 4 mm Ø test plugs (2007-8821)
- 4 x circuit jumper, insulated, 2-way (2007-8442)
- 4 x locking cover, mechanically locks multiple links, 2-pole (282-882)
- 1 x end and separator plate, 1.5 mm thick, without lock-out seal option (2007-8892)
- 8 x WMB Inline, plain, 1,500 WMB markers (5 mm) per reel (2009-115)
- 2 x screwless end stop, 10 mm wide (249-117)

Data

Electrical data

Ratings per IEC/EN

| | |
|-------------------------------|---|
| Nominal voltage (III/3) | 500 V |
| Rated impulse voltage (III/3) | 6 kV |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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

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Do you have any questions about our products?
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Connection data

| | |
|------------------|---|
| Number of levels | 1 |
|------------------|---|

Connection 1

| | |
|--|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 6 mm ² / 10 AWG |
| Solid conductor | 0.5 ... 10 mm ² / 20 ... 8 AWG |
| Solid conductor; push-in termination | 1 ... 10 mm ² / 14 ... 8 AWG |
| Fine-stranded conductor | 0.5 ... 10 mm ² / 20 ... 8 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... 6 mm ² / 20 ... 10 AWG |
| Fine-stranded conductor; with uninsulated ferrule | 1.5 ... 6 mm ² / 16 ... 10 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 2.5 ... 6 mm ² / 16 ... 10 AWG |
| Strip length | 13 ... 15 mm / 0.51 ... 0.59 inches |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 85.5 mm / 3.366 inches |
| Height | 99.6 mm / 3.921 inches |
| Depth from upper-edge of DIN-rail | 65.3 mm / 2.571 inches |
| Module width | 8 mm / 0.315 inches |

Mechanical Data

| | |
|---------------|---------------------|
| Mounting type | DIN-35 rail |
| Marking level | Center/side marking |

Material Data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | multicoloured |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 4.092 MJ |

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

| | |
|--------|-------|
| Weight | 299 g |
|--------|-------|

Environmental requirements

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

Commercial data


| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-14-11-47 |
| eCl@ss 9.0 | 27-14-11-47 |
| ETIM 8.0 | EC000276 |
| ETIM 7.0 | EC000276 |
| PU (SPU) | 1 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4055143240673 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

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

Approvals / Certificates



Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | Railway WAGO GmbH & Co. KG | - | Railway Ready |

Optional accessories

Ferrule





Ferrule

| | |
|---|---|
|  | Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-208 acc. to DIN 46228, Part 4/09.90; yellow |
|  | Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-263 acc. to DIN 46228, Part 4/09.90; red |

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




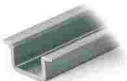




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| | | |
|---|--|--|
|  | Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-266 |
|  | Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-264 |
|  | Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-262 |
|  | Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-267 |


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 |
|  | Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored | www.wago.com/210-198 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |












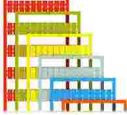
Marking accessories

Marking strip

| | | |
|--|--|--|
|  | Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | www.wago.com/2009-110 |
|--|--|--|

Marker

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

| | | |
|--|---|--|
|  | <p>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</p> | www.wago.com/2009-115/000-002 |
|  | <p>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</p> | www.wago.com/2009-115/000-007 |
|  | <p>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</p> | www.wago.com/2009-115/000-017 |
|  | <p>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</p> | www.wago.com/2009-115/000-023 |
|  | <p>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</p> | www.wago.com/2009-115/000-024 |
|  | <p>Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p> | www.wago.com/2009-115 |
|  | <p>Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow</p> | www.wago.com/793-501/000-002 |
|  | <p>Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray</p> | www.wago.com/793-501/000-007 |
|  | <p>Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green</p> | www.wago.com/793-501/000-017 |
|  | <p>Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange</p> | www.wago.com/793-501/000-012 |
|  | <p>Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green</p> | www.wago.com/793-501/000-023 |
|  | <p>Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue</p> | www.wago.com/793-501/000-006 |

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



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



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

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



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

www.wago.com/2009-115/000-012



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

www.wago.com/2009-115/000-006

Mounting

Cover carrier



Item no.: 709-169
Cover carrier; Type 3; gray

www.wago.com/709-169

Cover



Item no.: 709-156
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

www.wago.com/709-156

Tool

Operating tool



Item no.: 210-721
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-721

Downloads

Documentation

Bid Text

| Item no. | Date | File name | Size | Action |
|-----------|-------------|-------------|---------|----------|
| 2007-8877 | 2019 Feb 19 | X81 - Datei | 3.5 kB | Download |
| 2007-8877 | 2015 Jul 21 | doc - Datei | 25.1 kB | Download |

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

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Additional Information

| | | |
|------------------------|--------|----------|
| Technical Section | pdf | Download |
| Technical explanations | 2.2 MB | |

CAD/CAE-Data

CAE data

| | | |
|-----------------------------|-----|----------|
| WSCAD Universe 2007-8877 | URL | Download |
| EPLAN Data Portal 2007-8877 | URL | Download |

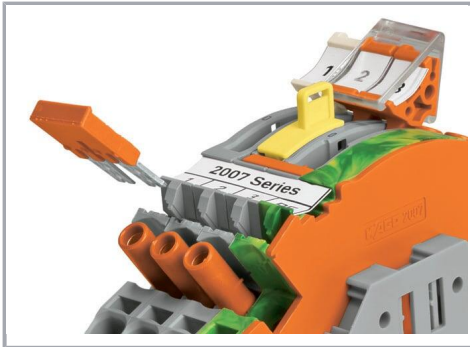
Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 2007-8877 | URL | Download |
| Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured | | |

Installation Notes

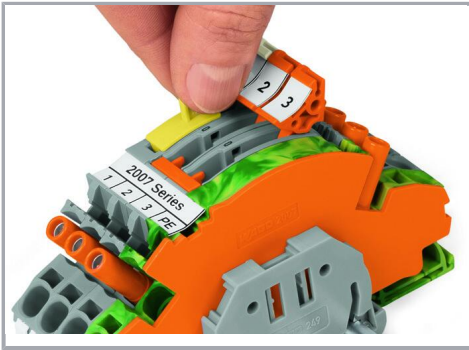
Commoning



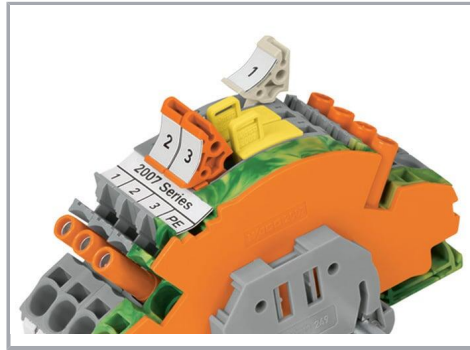
Additional commoning option on the transformer side

Security

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



Lock-out prevents accidental operation of disconnect link.

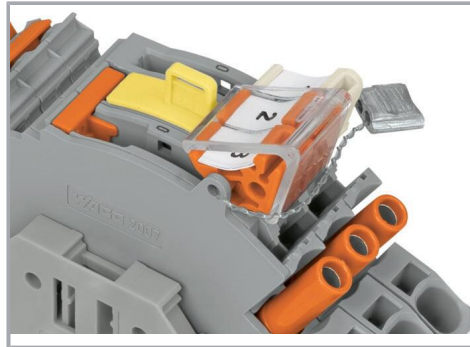


Lock-out snaps into one of two notched positions.

Locking system



Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.



A lock-out seal can be used on the disconnect link in operating position I when combined with an end and separator plate (2007-8893 or 2007-8894).



Interlocking link mechanically locks multiple links for multi-pole switching applications.

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

Marking



Marking via WMB Multi markers or marking strips.

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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