

Data sheet | Item number: 2002-2403

4-conductor double deck terminal block; Through/through terminal block; L /N; without marker carrier; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/2002-2403



Color:



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

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Data

Electrical data

Ratings per IEC/EN

| Ratings per | IEC/EN 60947-7-1 |
|---|---|
| Nominal voltage (III/3) | 800 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated current | 24 A |
| Current at conductor cross-section (max.) mm ² | 28 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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Ratings per UL

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 20 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 20 A |

Ratings per CSA

| | |
|---------------------------------|-----------------|
| Approvals per | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 20 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 20 A |
| Rated voltage CSA (Use Group D) | 600 V |
| Rated current CSA (Use Group D) | 20 A |

Ex information

| | |
|-------------------------------------|---|
| Reference hazardous areas | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Ratings per | ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb) |
| Rated voltage EN (Ex e II) | 550 V |
| Rated current (Ex e II) | 21 A |
| Rated current (Ex e II) with jumper | 17 A |
| Rated current (note) | Staggered jumper 16 A |

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 Ω |

Connection data

| | |
|-------------------------------|---|
| Connection points | 8 |
| Total number of potentials | 2 |
| Number of levels | 2 |
| Number of jumper slots | 2 |
| Number of jumper slots (rank) | 1 |

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



Connection 1

| | |
|--|---|
| Connection technology | Push-in CAGE CLAMP® |
| Number of connection points | 4 |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 2.5 mm ² |
| Solid conductor | 0.25 ... 4 mm ² / 22 ... 12 AWG |
| Solid conductor; push-in termination | 0.75 ... 4 mm ² / 18 ... 12 AWG |
| Fine-stranded conductor | 0.25 ... 4 mm ² / 22 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 2.5 mm ² / 22 ... 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm ² / 18 ... 14 AWG |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length | 10 ... 12 mm / 0.39 ... 0.47 inches |
| Wiring direction | Front-entry wiring |

Connection 2

| | |
|-------------------------------|---|
| Number of connection points 2 | 4 |
|-------------------------------|---|

Physical data

| | |
|-----------------------------------|-------------------------|
| Width | 5.2 mm / 0.205 inches |
| Height | 105.1 mm / 4.138 inches |
| Depth from upper-edge of DIN-rail | 52.1 mm / 2.051 inches |

Mechanical Data

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

Material Data

| | |
|----------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |

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



| | |
|-----------------------------|--------|
| Flammability class per UL94 | V0 |
| Fire load | 0.3 MJ |
| Weight | 15.8 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| 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 | CN |
| GTIN | 4050821144984 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------|
| | CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7941 |
| | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1536069 |
| | KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 71- 124163 |
| | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

Certificate

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

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| Logo | Approval | Additional Approval Text | name |
|------|---|--------------------------|------------------|
| | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| | Railway WAGO GmbH & Co. KG | - | Railway Ready |
| | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|--------------------------|
| | ABS American Bureau of Shipping | EN 60947 | 20- HG1941090- PDA |
| | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |

Approvals for hazardous areas

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|---|
| | AEx Underwriters Laboratories Inc. | UL 60079 | E185892 (AEx eb IIC resp. Ex eb IIC) |
| | ATEX Physikalisch Technische Bundesanstalt | EN 60079 | PTB 03 ATEX 1162 U (II2G Ex eb IIC Gb, IM2 Ex eb IMb) |
| | CCC CNEX | GB/T 3836.3 | 2020312313000238 (Ex eb IIC Gb, Ex eb I Mb) |
| | EAC Brjansker Zertifizierungsstelle | TP TC 012/2011 | RU C-DE.AM02.B. 00127/19 (Ex e IIC Gb U) |
| | IECEX Physikalisch Technische Bundesanstalt | IEC 60079 | IECEX PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb) |
| | INMETRO TÜV Rheinland do Brasil Ltda. | IEC 60079 | TÜV 12.1307 U |

Required accessories

End plate

| End plate | |
|--|--|
| Item no.: 2002-2492 End and intermediate plate; 0.8 mm thick; orange | www.wago.com/2002-2492 |

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



Item no.: 2002-2491

End and intermediate plate; 0.8 mm thick; gray

www.wago.com/2002-2491

Optional accessories

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 carrier

Item no.: 2009-198

Adaptor; gray

www.wago.com/2009-198

Item no.: 2002-121

Adaptor; gray

www.wago.com/2002-121

Item no.: 2002-161

Adaptor; gray

www.wago.com/2002-161

Marker

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

www.wago.com/2009-115/000-002

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

www.wago.com/2009-115/000-007

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

www.wago.com/2009-115/000-017

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

www.wago.com/2009-115/000-023

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

www.wago.com/2009-115/000-024

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

www.wago.com/2009-145/000-006

Item no.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145

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

www.wago.com/2009-145/000-002

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

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Item no.: 2009-145/000-007 www.wago.com/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.: 2009-145/000-005 www.wago.com/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.: 2009-145/000-012 www.wago.com/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.: 2009-145/000-023 www.wago.com/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.: 2009-145/000-024 www.wago.com/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.: 2009-115 www.wago.com/2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 248-501/000-006 www.wago.com/248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

Item no.: 248-501/000-007 www.wago.com/248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

Item no.: 248-501/000-002 www.wago.com/248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

Item no.: 248-501/000-012 www.wago.com/248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

Item no.: 248-501 www.wago.com/248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

Item no.: 248-501/000-017 www.wago.com/248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

Item no.: 248-501/000-005 www.wago.com/248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

Item no.: 248-501/000-024 www.wago.com/248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

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

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**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**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**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**Item no.: 793-5501/000-014**

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

www.wago.com/793-5501/000-014**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**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**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**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**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**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**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**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**Item no.: 2009-115/000-005**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

www.wago.com/2009-115/000-005

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| Group marker carrier | | |
|---------------------------|--|--|
| Item no.: 2009-193 | Group marker carrier; gray | www.wago.com/2009-193 |
| Item no.: 2009-192 | Group marker carrier; gray | www.wago.com/2009-192 |
| Item no.: 2009-191 | Group marker carrier; gray | www.wago.com/2009-191 |
| 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.: 210-504 | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| Insulation stop | | |

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

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Insulation stop

| | |
|---|--|
| Item no.: 2002-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray | www.wago.com/2002-171 |
|---|--|

| | |
|--|--|
| Item no.: 2002-172 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray | www.wago.com/2002-172 |
|--|--|

Mounting

Cover carrier

| | |
|--|--|
| Item no.: 709-169 Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; 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 |
|--|--|

Ferrule

Ferrule

| | |
|--|--|
| Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | www.wago.com/216-241 |
|--|--|

| | |
|--|--|
| Item no.: 216-242 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/216-242 |
|--|--|

| | |
|--|--|
| Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-243 |
|--|--|

| | |
|--|--|
| Item no.: 216-244 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/216-244 |
|--|--|

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

| | |
|---|--|
| Item no.: 216-246 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/216-246 |
|---|--|

| | |
|---|--|
| 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 |
|--|--|

Testing and measuring

Testing accessories

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

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| | |
|---|--|
| Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray | www.wago.com/2009-174 |
| Item no.: 2009-182 Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray | www.wago.com/2009-182 |
| Item no.: 2002-611 TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm ² ; gray | www.wago.com/2002-611 |
| Item no.: 2002-649 TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray | www.wago.com/2002-649 |
| Tool | |
| Operating tool | |
| 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 |
| Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-720 |
| Push-in type wire jumper | |
| Jumper | |
| Item no.: 2009-412 Push-in type wire jumper; insulated; 60 mm long; black | www.wago.com/2009-412 |
| Item no.: 2009-414 Push-in type wire jumper; 1.5 mm ² ; insulated; 110 mm long; black | www.wago.com/2009-414 |
| Item no.: 2009-416 Push-in type wire jumper; 1.5 mm ² ; insulated; 250 mm long; black | www.wago.com/2009-416 |
| Item no.: 2009-414/000-005 Push-in type wire jumper; 1.5 mm ² ; insulated; 110 mm long; black | www.wago.com/2009-414/000-005 |
| Item no.: 2009-414/000-006 Push-in type wire jumper; insulated; 110 mm long; black | www.wago.com/2009-414/000-006 |
| Jumpers | |
| Jumper | |
| Item no.: 210-123 Wire commoning chain; insulated; blue | www.wago.com/210-123 |
| Item no.: 2002-402 Jumper; 2-way; insulated; light gray | www.wago.com/2002-402 |
| Item no.: 2002-402/000-005 Jumper; 2-way; insulated; red | www.wago.com/2002-402/000-005 |
| Item no.: 2002-400 | www.wago.com/2002-400 |

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



Continuous jumper; 2-way; insulated; light gray

Item no.: 2002-403

Jumper; 3-way; insulated; light gray

www.wago.com/2002-403

Item no.: 2002-404/000-005

Jumper; 4-way; insulated; red

www.wago.com/2002-404/000-005

Item no.: 2002-403/000-006

Jumper; 3-way; insulated; blue

www.wago.com/2002-403/000-006

Item no.: 2002-404/000-006

Jumper; 4-way; insulated; blue

www.wago.com/2002-404/000-006

Item no.: 2002-403/000-005

Jumper; 3-way; insulated; red

www.wago.com/2002-403/000-005

Item no.: 2002-405/000-005

Jumper; 5-way; insulated; red

www.wago.com/2002-405/000-005

Item no.: 2002-402/000-006

Jumper; 2-way; insulated; blue

www.wago.com/2002-402/000-006

Item no.: 2002-405/000-006

Jumper; 5-way; insulated; blue

www.wago.com/2002-405/000-006

Item no.: 2002-404

Jumper; 4-way; insulated; light gray

www.wago.com/2002-404

Item no.: 2002-406/000-006

Jumper; 6-way; insulated; blue

www.wago.com/2002-406/000-006

Item no.: 2002-406/000-005

Jumper; 6-way; insulated; red

www.wago.com/2002-406/000-005

Item no.: 2002-406/020-000

Delta jumper; insulated; light gray

www.wago.com/2002-406/020-000

Item no.: 2002-405

Jumper; 5-way; insulated; light gray

www.wago.com/2002-405

Item no.: 2002-407/000-005

Jumper; 7-way; insulated; red

www.wago.com/2002-407/000-005

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

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|--|--|
| Item no.: 2002-408 Jumper; 8-way; insulated; light gray | www.wago.com/2002-408 |
| Item no.: 2002-408/000-006 Jumper; 8-way; insulated; blue | www.wago.com/2002-408/000-006 |
| Item no.: 2002-405/011-000 Star point jumper; 3-way; insulated; light gray | www.wago.com/2002-405/011-000 |
| Item no.: 2002-407/000-006 Jumper; 7-way; insulated; blue | www.wago.com/2002-407/000-006 |
| Item no.: 2002-408/000-005 Jumper; 8-way; insulated; red | www.wago.com/2002-408/000-005 |
| Item no.: 2002-407 Jumper; 7-way; insulated; light gray | www.wago.com/2002-407 |
| Item no.: 2002-406 Jumper; 6-way; insulated; light gray | www.wago.com/2002-406 |
| Item no.: 2002-410/000-005 Jumper; 10-way; insulated; red | www.wago.com/2002-410/000-005 |
| Item no.: 2002-410/000-006 Jumper; 10-way; insulated; blue | www.wago.com/2002-410/000-006 |
| Item no.: 2002-410 Jumper; 10-way; insulated; light gray | www.wago.com/2002-410 |
| Item no.: 2002-409/000-006 Jumper; 9-way; insulated; blue | www.wago.com/2002-409/000-006 |
| Item no.: 2002-409/000-005 Jumper; 9-way; insulated; red | www.wago.com/2002-409/000-005 |
| Item no.: 2002-409 Jumper; 9-way; insulated; light gray | www.wago.com/2002-409 |
| Item no.: 2002-423/000-006 Continuous jumper; from 1 to 3; insulated; blue | www.wago.com/2002-423/000-006 |
| Item no.: 2002-423 Continuous jumper; from 1 to 3; insulated; light gray | www.wago.com/2002-423 |

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| Item no.: 2002-433 Jumper; from 1 to 3; insulated; light gray | www.wago.com/2002-433 |
| Item no.: 2002-434 Jumper; from 1 to 4; insulated; light gray | www.wago.com/2002-434 |
| Item no.: 2002-423/000-005 Continuous jumper; from 1 to 3; insulated; red | www.wago.com/2002-423/000-005 |
| Item no.: 2002-435 Jumper; from 1 to 5; insulated; light gray | www.wago.com/2002-435 |
| Item no.: 2002-436 Jumper; from 1 to 6; insulated; light gray | www.wago.com/2002-436 |
| Item no.: 2002-437 Jumper; from 1 to 7; insulated; light gray | www.wago.com/2002-437 |
| Item no.: 2002-438 Jumper; from 1 to 8; insulated; light gray | www.wago.com/2002-438 |
| Item no.: 2002-439 Jumper; from 1 to 9; insulated; light gray | www.wago.com/2002-439 |
| Item no.: 2002-440 Jumper; from 1 to 10; insulated; light gray | www.wago.com/2002-440 |
| Item no.: 2002-472 Staggered jumper; 2-way; insulated; light gray | www.wago.com/2002-472 |
| Item no.: 2002-473 Staggered jumper; 3-way; insulated; light gray | www.wago.com/2002-473 |
| Item no.: 2002-475/011-000 Staggered jumper; 3-way; insulated; light gray | www.wago.com/2002-475/011-000 |
| Item no.: 2002-475 Staggered jumper; 5-way; insulated; light gray | www.wago.com/2002-475 |
| Item no.: 2002-476 Staggered jumper; 6-way; insulated; light gray | www.wago.com/2002-476 |
| Item no.: 2002-474 Staggered jumper; 4-way; insulated; light gray | www.wago.com/2002-474 |
| Item no.: 2002-477 Staggered jumper; 7-way; insulated; light gray | www.wago.com/2002-477 |
| Item no.: 2002-473/011-000 Staggered jumper; 2-way; from 1 to 3; insulated; light gray | www.wago.com/2002-473/011-000 |

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| Item no.: 2002-479 Staggered jumper; 9-way; insulated; light gray | www.wago.com/2002-479 |
| Item no.: 2002-478 Staggered jumper; 8-way; insulated; light gray | www.wago.com/2002-478 |
| Item no.: 2002-479/011-000 Staggered jumper; insulated; light gray | www.wago.com/2002-479/011-000 |
| Item no.: 2002-480 Staggered jumper; 10-way; insulated; light gray | www.wago.com/2002-480 |
| Item no.: 2002-477/011-000 Staggered jumper; insulated; light gray | www.wago.com/2002-477/011-000 |
| Item no.: 2002-492 Vertical jumper; insulated; light gray | www.wago.com/2002-492 |
| Item no.: 2002-481/011-000 Staggered jumper; insulated; light gray | www.wago.com/2002-481/011-000 |
| Item no.: 2002-481 Staggered jumper; 11-way; insulated; light gray | www.wago.com/2002-481 |
| Item no.: 2002-492/000-012 Vertical jumper; insulated; orange | www.wago.com/2002-492/000-012 |
| Item no.: 2002-482 Staggered jumper; 12-way; insulated; light gray | www.wago.com/2002-482 |
| Item no.: 210-103 Wire commoning chain; insulated; black | www.wago.com/210-103 |
| Item no.: 2002-424/000-006 Continuous jumper; from 1 to 4; insulated; blue | www.wago.com/2002-424/000-006 |
| Protective warning marker | |
| Cover | |
| Item no.: 2002-115 Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow | www.wago.com/2002-115 |

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CAD data

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Compliance Search

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4-conductor double deck terminal block; Through/through terminal block; L/N;
without marker carrier; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x
7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

Conductor termination

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All conductor types at a glance



Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:

Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.



Inserting a conductor via operating tool:

Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

Advantage:

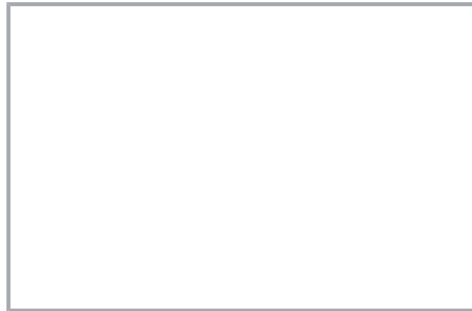
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

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Conductor termination – insulation stop

Commoning



Removing a push-in type jumper bar:

Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.

Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Insert push-in type jumper bar and push down until it hits backstop.

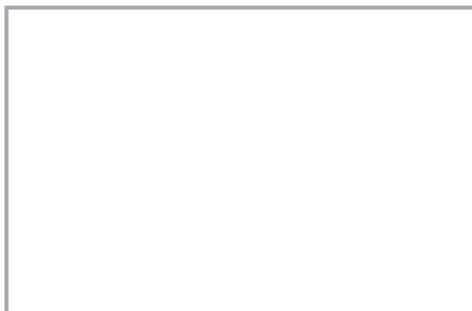
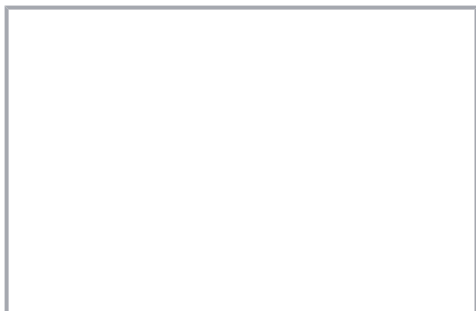
Commoning

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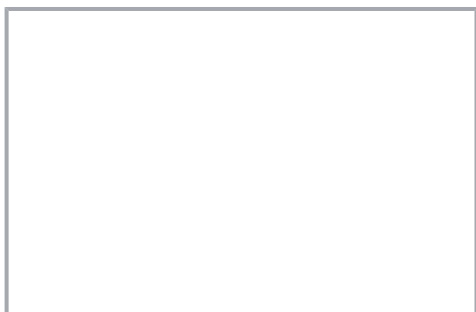


Commoning two levels via double-deck vertical jumper (2002-492).

Marking



Snapping WMB inline markers into marker slots.



Double-deck terminal blocks

A double-deck marker carrier (2002-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

Product family

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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.

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