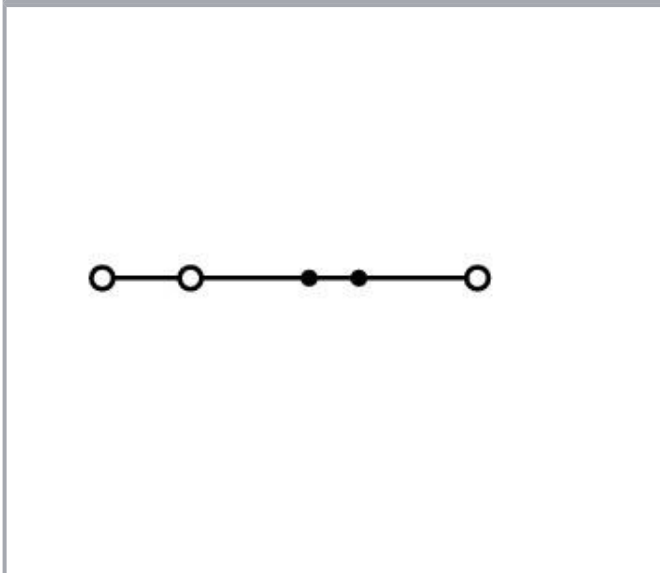
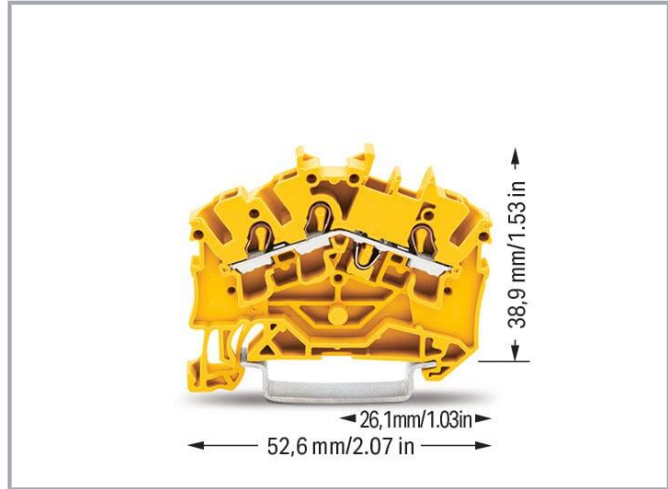


Data sheet | Item number: 2002-6306

3-conductor through terminal block; 2.5 mm²; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; yellow

www.wago.com/2002-6306



Color: ■

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

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Data

Notes

Safety information

An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

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 | 32 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Ratings per UL 1059

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

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) | 22 A |

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| | |
|-------------------------------------|------|
| Rated current (Ex e II) with jumper | 20 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 | 3 |
|-------------------|---|

| | |
|----------------------------|---|
| Total number of potentials | 1 |
|----------------------------|---|

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

| | |
|------------------------|---|
| Number of jumper slots | 2 |
|------------------------|---|

Connection 1

| | |
|-----------------------|---------------------|
| Connection technology | Push-in CAGE CLAMP® |
|-----------------------|---------------------|

| | |
|----------------|----------------|
| 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, angled |
|------------------|----------------------------|

Physical data

| | |
|-------|-----------------------|
| Width | 5.2 mm / 0.205 inches |
|-------|-----------------------|

| | |
|--------|------------------------|
| Height | 52.6 mm / 2.071 inches |
|--------|------------------------|

| | |
|-----------------------------------|------------------------|
| Depth from upper-edge of DIN-rail | 38.9 mm / 1.531 inches |
|-----------------------------------|------------------------|

Mechanical Data

| | |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

| | |
|---------------|---------------------|
| Marking level | Center/side marking |
|---------------|---------------------|

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

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Material Data

Note (material data)

Information on material specifications can be found here

| | |
|-----------------------------|------------------|
| Color | yellow |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.122 MJ |
| Weight | 5.4 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) | 100 pcs |
| Packaging type | box |
| Country of origin | CN |
| GTIN | 4045454600280 |
| 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 7892 |



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

| | | | |
|--|---|---------------|--|
|  | CCA DEKRA Certification B.V. | EN 60947 | 71-120369 |
|  | CCC CNEX | GB/T 3836.3 | 2020312313000238 (Ex eb IIC Gb, Ex eb I Mb) |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1536069 |
|  | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate 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 |
|  | BV Bureau Veritas S.A. | EN 60947 | 38586/B0 BV |

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

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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 (PTB) | 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.: 2002-6391
End and intermediate plate; 0.8 mm thick; gray

www.wago.com/2002-6391

Item no.: 2002-6392
End and intermediate plate; 0.8 mm thick; orange

www.wago.com/2002-6392

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

Optional accessories

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

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



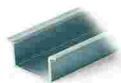
Item no.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

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

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

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**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**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 |

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 |

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



Item no.: 2009-414/000-006
Push-in type wire jumper; insulated; 110 mm long; black

www.wago.com/2009-414/000-006

Plugs

Diode plug



Item no.: 2002-880/1000-411
Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray

www.wago.com/2002-880/1000-411

LED plug



Item no.: 2002-880/1000-541
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

www.wago.com/2002-880/1000-541



Item no.: 2002-880/1000-542
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; multicoloured

www.wago.com/2002-880/1000-542



Item no.: 2002-880/1000-836
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

www.wago.com/2002-880/1000-836

Empty component plug housing



Item no.: 2002-880
Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; gray

www.wago.com/2002-880

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
Continuous jumper; 2-way; insulated; light gray

www.wago.com/2002-400



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

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

| | | |
|--|--|--|
|  | 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 |
|  | Item no.: 2002-408 Jumper; 8-way; insulated; light gray | www.wago.com/2002-408 |

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



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



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

| | | |
|--|--|---|
| | <p>Item no.: 2002-423/000-006 Continuous jumper; from 1 to 3; insulated; blue</p> | <p>www.wago.com/2002-423/000-006</p> |
|  | <p>Item no.: 2002-423 Continuous jumper; from 1 to 3; insulated; light gray</p> | <p>www.wago.com/2002-423</p> |
|  | <p>Item no.: 2002-433 Jumper; from 1 to 3; insulated; light gray</p> | <p>www.wago.com/2002-433</p> |
|  | <p>Item no.: 2002-434 Jumper; from 1 to 4; insulated; light gray</p> | <p>www.wago.com/2002-434</p> |
|  | <p>Item no.: 2002-423/000-005 Continuous jumper; from 1 to 3; insulated; red</p> | <p>www.wago.com/2002-423/000-005</p> |
|  | <p>Item no.: 2002-435 Jumper; from 1 to 5; insulated; light gray</p> | <p>www.wago.com/2002-435</p> |
|  | <p>Item no.: 2002-436 Jumper; from 1 to 6; insulated; light gray</p> | <p>www.wago.com/2002-436</p> |
|  | <p>Item no.: 2002-437 Jumper; from 1 to 7; insulated; light gray</p> | <p>www.wago.com/2002-437</p> |
|  | <p>Item no.: 2002-438 Jumper; from 1 to 8; insulated; light gray</p> | <p>www.wago.com/2002-438</p> |
|  | <p>Item no.: 2002-439 Jumper; from 1 to 9; insulated; light gray</p> | <p>www.wago.com/2002-439</p> |
|  | <p>Item no.: 2002-440 Jumper; from 1 to 10; insulated; light gray</p> | <p>www.wago.com/2002-440</p> |
|  | <p>Item no.: 2002-472 Staggered jumper; 2-way; insulated; light gray</p> | <p>www.wago.com/2002-472</p> |
|  | <p>Item no.: 2002-473 Staggered jumper; 3-way; insulated; light gray</p> | <p>www.wago.com/2002-473</p> |
|  | <p>Item no.: 2002-475/011-000 Staggered jumper; 3-way; insulated; light gray</p> | <p>www.wago.com/2002-475/011-000</p> |
|  | <p>Item no.: 2002-475 Staggered jumper; 5-way; insulated; light gray</p> | <p>www.wago.com/2002-475</p> |
|  | <p>Item no.: 2002-476 Staggered jumper; 6-way; insulated; light gray</p> | <p>www.wago.com/2002-476</p> |
|  | <p>Item no.: 2002-474 Staggered jumper; 4-way; insulated; light gray</p> | <p>www.wago.com/2002-474</p> |

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

| | | |
|---|--|--|
|  | 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 |
|  | 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.: 2002-481/011-000 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.: 2002-482 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 |
| Insulation stop | | |
| Insulation stop | | |

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



Item no.: 2002-171
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

www.wago.com/2002-171



Item no.: 2002-172
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

www.wago.com/2002-172

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

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.: 2002-161
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

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



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

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

www.wago.com/2009-145/000-007

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

www.wago.com/2009-145/000-005

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

www.wago.com/2009-145/000-012

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

www.wago.com/2009-145/000-023

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

www.wago.com/2009-145/000-024



Item no.: 2009-115

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

www.wago.com/2009-115



Item no.: 248-501/000-006

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

www.wago.com/248-501/000-006



Item no.: 248-501/000-007

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

www.wago.com/248-501/000-007



Item no.: 248-501/000-002

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

www.wago.com/248-501/000-002

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

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



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

www.wago.com/248-501/000-012



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

www.wago.com/248-501



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



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



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



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

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



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

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

Testing and measuring

Testing accessories



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














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



Item no.: 2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

www.wago.com/2009-182

| | | |
|---|---|--|
|  | Item no.: 2002-511 Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm ² ; gray | www.wago.com/2002-511 |
|  | Item no.: 2002-549 Spacer module; modular; e.g., for bridging commoned terminal blocks; gray | www.wago.com/2002-549 |
|  | Item no.: 2002-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm ² ; gray | www.wago.com/2002-552 |
|  | Item no.: 2002-558 Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm ² ; gray | www.wago.com/2002-558 |
|  | Item no.: 2002-559 Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm ² ; gray | www.wago.com/2002-559 |
|  | Item no.: 2002-556 Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm ² ; gray | www.wago.com/2002-556 |
|  | Item no.: 2002-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm ² ; gray | www.wago.com/2002-553 |
|  | 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.: 2002-560 Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm ² ; gray | www.wago.com/2002-560 |
|  | Item no.: 2002-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm ² ; gray | www.wago.com/2002-554 |
|  | Item no.: 2002-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm ² ; gray | www.wago.com/2002-555 |
|  | Item no.: 2002-557 Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm ² ; gray | www.wago.com/2002-557 |
|  | Item no.: 2002-649 TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray | www.wago.com/2002-649 |

Downloads

Documentation

Bid Text

| | | | |
|--------------|-------------|---------|----------|
| 2002-6306 | 2019 Apr 18 | docx | Download |
| docx - Datei | | 15.1 kB | |

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



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Additional Information

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CAD/CAE-Data

CAD data

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| 2D/3D Models 2002-6306 | | URL | Download |
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CAE data

| | | | |
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| EPLAN Data Portal 2002-6306 | | URL | Download |
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|------------------------|--|-----|----------|
| ZUKEN Portal 2002-6306 | | URL | Download |
|------------------------|--|-----|----------|

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|--------------------------|--|-----|----------|
| WSCAD Universe 2002-6306 | | URL | Download |
|--------------------------|--|-----|----------|

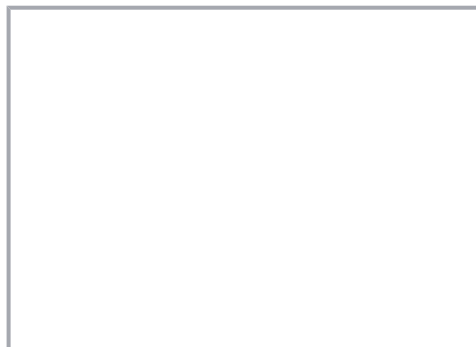
Environmental Product Compliance

Compliance Search

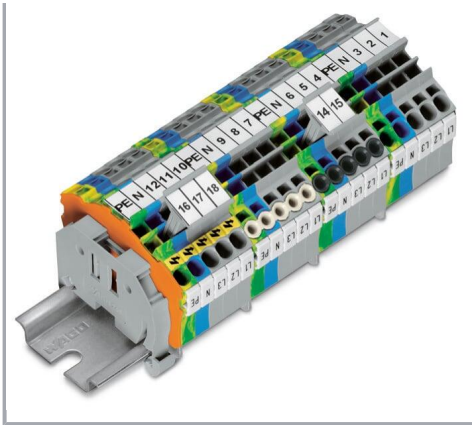
| | | | |
|--|--|-----|----------|
| Environmental Product Compliance 2002-6306 | | URL | Download |
|--|--|-----|----------|

3-conductor through terminal block; 2.5 mm²; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; yellow

Installation Notes



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



3- and 4-conductor terminal blocks (angled type):

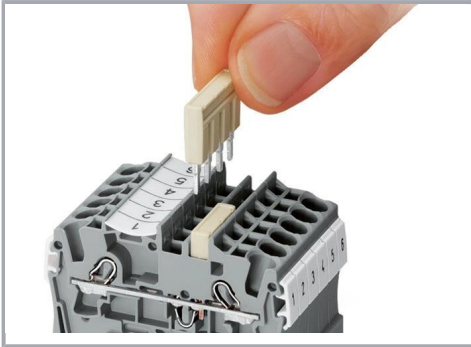
WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

Product features:

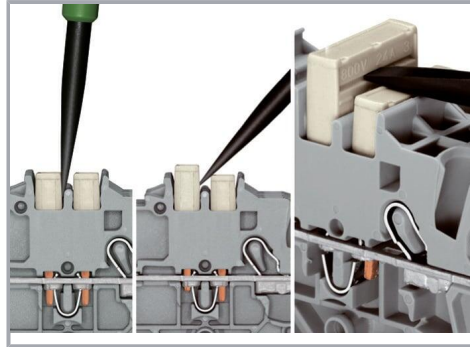
- Push-in CAGE CLAMP® connection for all conductor types, with the additional benefit of solid, stranded and fine-stranded conductors with ferrules being simply pushed in
- Vibration-proof, fast, maintenance-free
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have the same dimensions
- An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

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

Commoning



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



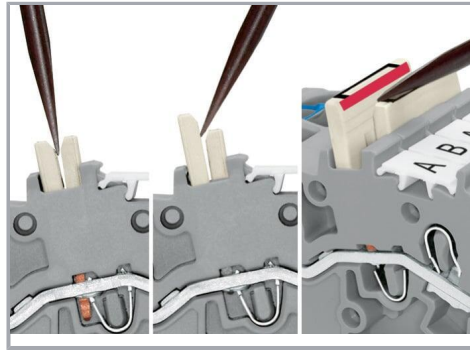
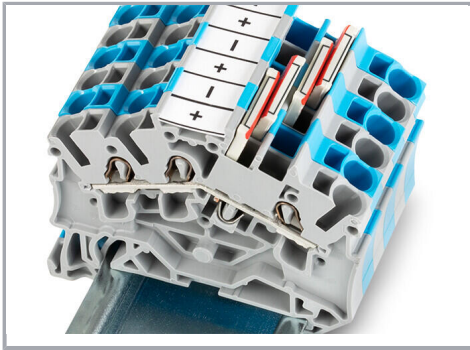
Removing a push-in type jumper bar:

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.

Commoning

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

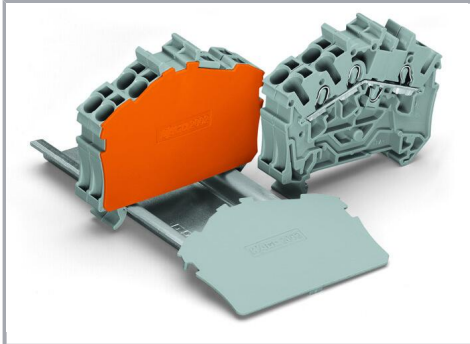


3- and 4-conductor terminal blocks (angled type):

WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

Removing a staggered jumper:

Insert the operating tool between the staggered jumpers, then lift up the jumper.



An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block (angled type) and vice versa.

Ex application

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



A separator plate is located between the Ex e II and Ex i terminal strip.

End plate

Ex e II terminal blocks

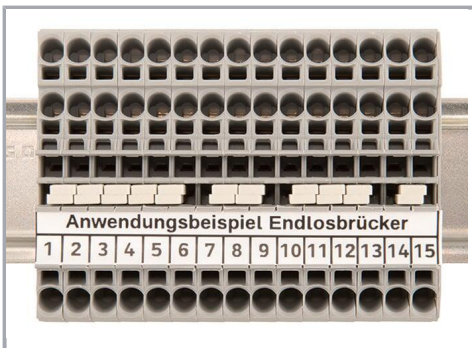
Separator plate for Ex e/Ex i applications

End plate

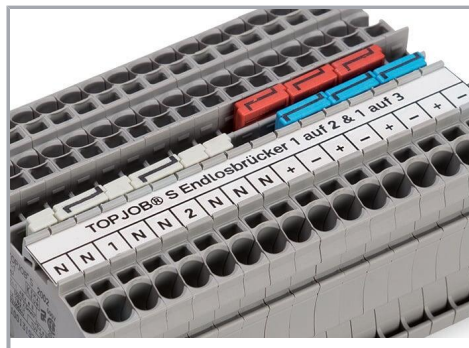
Ex i terminal blocks

According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common DIN-rail.

Commoning

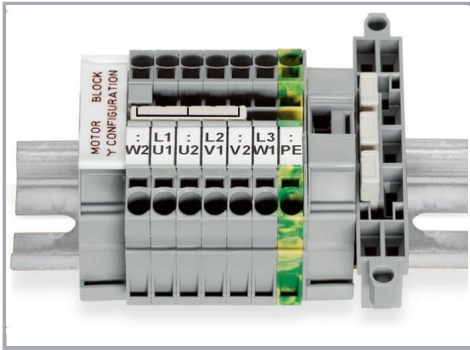


Continuous jumpers (2002 Series) readily connect an endless number of terminal blocks to each other via single jumper slot. Use the second jumper slot for additional commoning or testing.

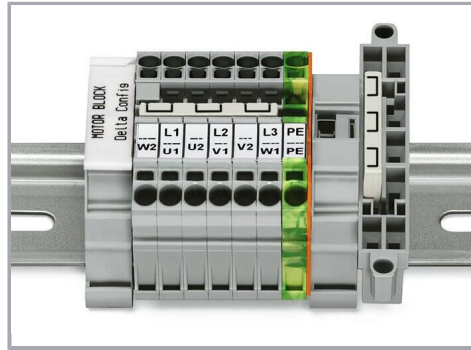


The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.

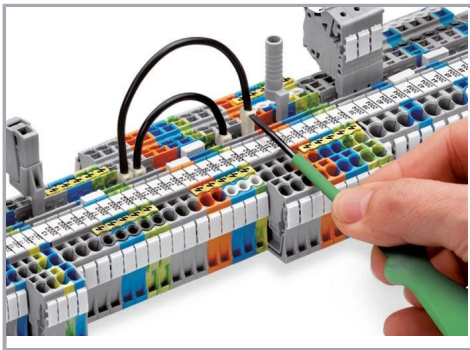
Subject to changes. Please also observe the further product documentation!



This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S.



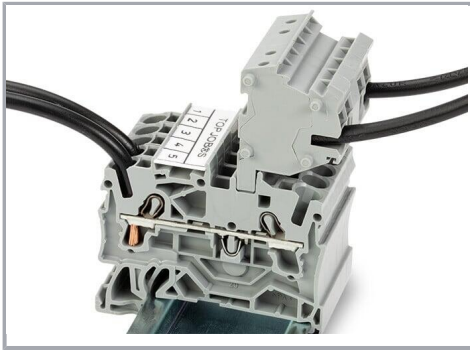
This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.



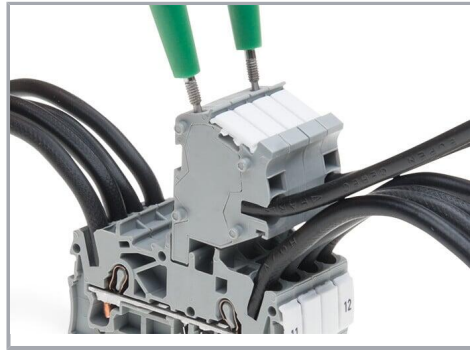
Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

Testing

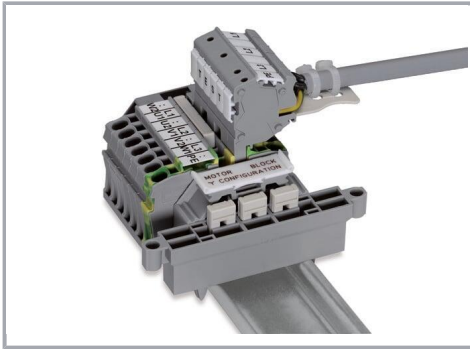
Subject to changes. Please also observe the further product documentation!



The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



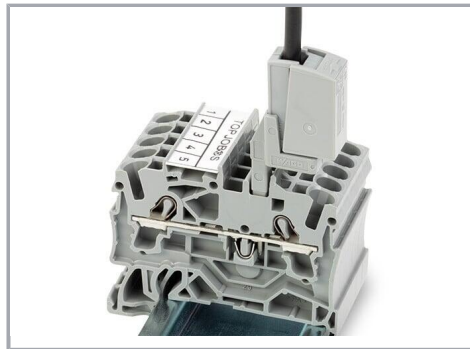
Rail-mount terminal block assembly for electric motor wiring



L-type test plug module – cross-sectional view of contacts



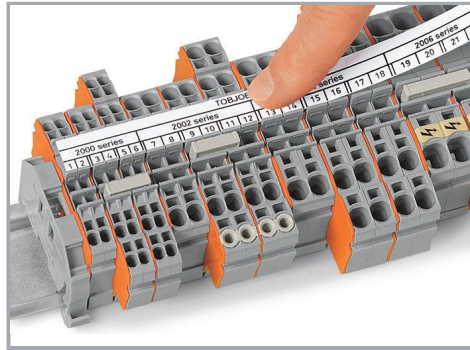
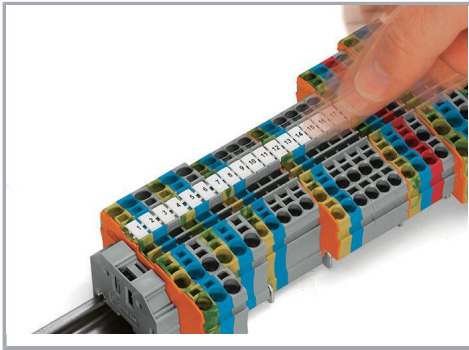
Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series



Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

Marking

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



Snapping WMB Inline markers into marker slots.

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!

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