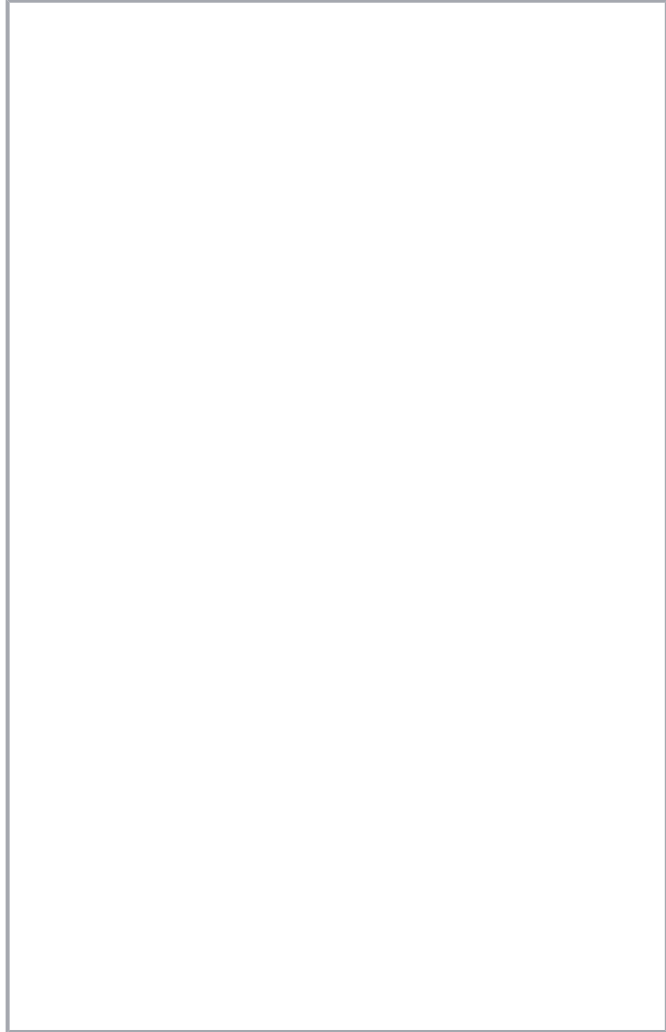
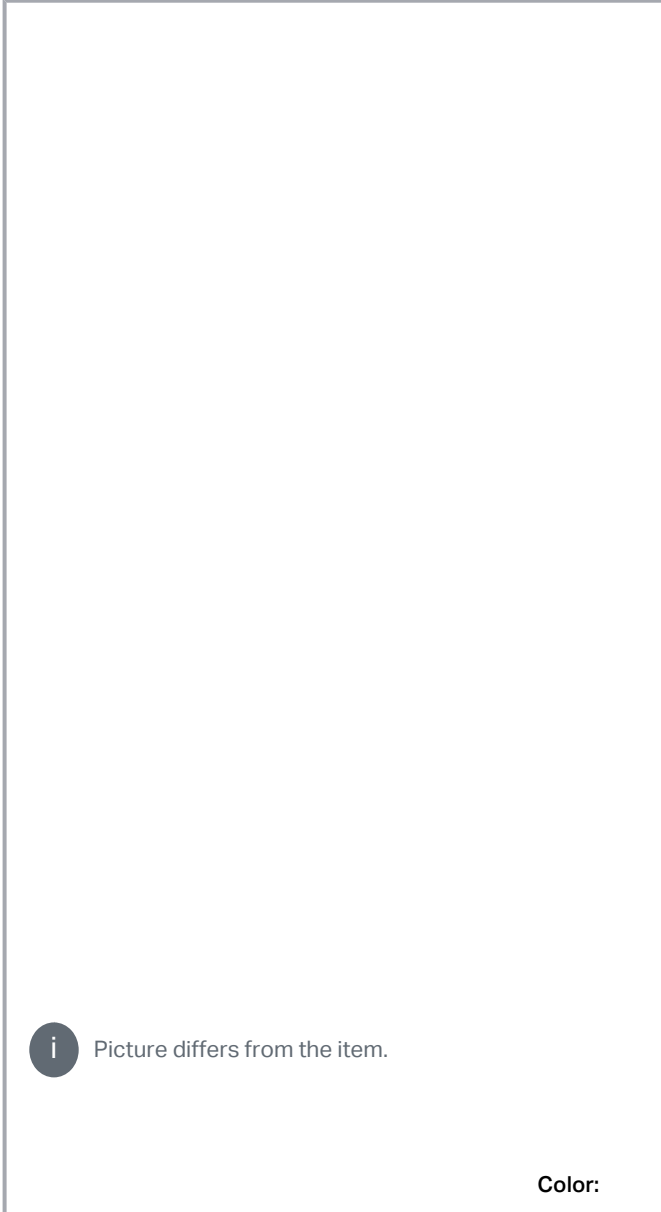


Data sheet | Item number: 2000-1302

3-conductor through terminal block; 1 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®; 1,00 mm²; orange



www.wago.com/2000-1302



Data

Electrical data

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

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Ratings per IEC/EN

| | |
|-----------------------------------------------------------|-------------------------------------------------------------------|
| Ratings per | IEC/EN 60947-7-1 |
| Ratings (note) | Electrical data for FR4 PCB type |
| Nominal voltage (III/3) | 800 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated current | 13.5 A |
| Current at conductor cross-section (max.) mm ² | 17.5 A |
| Legend (ratings) | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

Ratings per UL

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 15 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 15 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) | 10 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A |

Ex information

| | |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference hazardous areas | See application instructions in section "Knowledge and Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Ratings per | ATEX: PTB 11 ATEX 1041 U / IECEx: PTB 11.0093U (Ex eb IIC Gb) |
| Rated voltage EN (Ex e II) | 550 V |
| Rated current (Ex e II) | 13 A |
| Rated current (Ex e II) with jumper | 12 A |

Power Loss

| | |
|--------------------------------------------------------------|----------------|
| Power loss, per pole (potential) | 0.434 W |
| Rated current I_N for specified power loss | 13.5 A |
| Resistance value for specified, current-dependent power loss | 0.002 Ω |

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



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 | 1 mm ² |
| Solid conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Solid conductor; push-in termination | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.14 ... 0.75 mm ² / 24 ... 18 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 ... 0.75 mm ² / 20 ... 18 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 | 9 ... 11 mm / 0.35 ... 0.43 inches |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 3.5 mm / 0.138 inches |
| Height | 58.2 mm / 2.291 inches |
| Depth from upper-edge of DIN-rail | 32.9 mm / 1.295 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 | orange |
| Material group | I |

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



| | |
|-----------------------------|------------------|
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.092 MJ |
| Weight | 4.3 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 | 4045454966850 |
| 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 7962 |
| | CSA DEKRA Certification B.V. | C22.2 | 2130762 |
| | KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 71- 125928 |
| | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

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| Logo | Approval | Additional Approval Text | Certificate name |
|------|-------------------------------------------------------------|--------------------------|------------------|
| | ATEX-Attestation of Conformity WAGO GmbH & Co. KG | - | - |
| | 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 |
| | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
| | LR Lloyds Register | EN 60947 | 91/20112 (E10) |

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 11 ATEX 1041 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb) |
| | CCC CNEX | GB/T 3836.3 | 2020312313000182 (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 11.0093U (Ex e IIC Gb or Ex e I Mb) |

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Required accessories

End plate

| End plate | | |
|----------------------------|--------------------------------------------------|--------------------------------------------------------------------|
| Item no.: 2000-1392 | End and intermediate plate; 0.7 mm thick; orange | www.wago.com/2000-1392 |
| Item no.: 2000-1391 | End and intermediate plate; 0.7 mm thick; gray | www.wago.com/2000-1391 |

Optional accessories

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 |

Push-in type wire jumper

| Jumper | | |
|---------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------|
| Item no.: 2009-404 | Push-in type wire jumper; 0.75 mm ² ; insulated; 110 mm long; gray | www.wago.com/2009-404 |
| Item no.: 2009-402 | Push-in type wire jumper; 0.75 mm ² ; insulated; 60 mm long; gray | www.wago.com/2009-402 |
| Item no.: 2009-406 | Push-in type wire jumper; 0.75 mm ² ; insulated; 250 mm long; gray | www.wago.com/2009-406 |

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 |
| 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.: 2000-510 | TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1,00 mm ² ; gray | www.wago.com/2000-510 |
| Item no.: 2000-511 | TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole; 1,00 mm ² ; gray | www.wago.com/2000-511 |

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



| | |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Item no.: 2000-549 Spacer module; modular; e.g., for bridging commoned terminal blocks; gray | www.wago.com/2000-549 |
| Item no.: 2000-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,00 mm ² ; gray | www.wago.com/2000-555 |
| Item no.: 2000-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 1,00 mm ² ; gray | www.wago.com/2000-553 |
| Item no.: 2000-556 Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,00 mm ² ; gray | www.wago.com/2000-556 |
| Item no.: 2000-558 Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 1,00 mm ² ; gray | www.wago.com/2000-558 |
| Item no.: 2000-559 Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,00 mm ² ; gray | www.wago.com/2000-559 |
| Item no.: 2000-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 1,00 mm ² ; gray | www.wago.com/2000-552 |
| Item no.: 2000-560 Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 1,00 mm ² ; gray | www.wago.com/2000-560 |
| Item no.: 2000-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 1,00 mm ² ; gray | www.wago.com/2000-554 |
| Item no.: 2000-557 Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 1,00 mm ² ; gray | www.wago.com/2000-557 |
| Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red | www.wago.com/210-136 |
| Jumpers | |
| Jumper | |
| Item no.: 210-123 Wire commoning chain; insulated; blue | www.wago.com/210-123 |
| Item no.: 2000-408 Jumper; 8-way; insulated; light gray | www.wago.com/2000-408 |
| Item no.: 2000-407 Jumper; 7-way; insulated; light gray | www.wago.com/2000-407 |
| Item no.: 2000-409 Jumper; 9-way; insulated; light gray | www.wago.com/2000-409 |
| Item no.: 2000-408/000-006 Jumper; 8-way; insulated; blue | www.wago.com/2000-408/000-006 |
| Item no.: 2000-408/000-005 Jumper; 8-way; insulated; red | www.wago.com/2000-408/000-005 |

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



Item no.: 2000-409/000-005

Jumper; 9-way; insulated; red

www.wago.com/2000-409/000-005

Item no.: 2000-407/000-006

Jumper; 7-way; insulated; blue

www.wago.com/2000-407/000-006

Item no.: 2000-410

Jumper; 10-way; insulated; light gray

www.wago.com/2000-410

Item no.: 2000-410/000-006

Jumper; 10-way; insulated; blue

www.wago.com/2000-410/000-006

Item no.: 2000-433/000-005

Jumper; from 1 to 3; insulated; red

www.wago.com/2000-433/000-005

Item no.: 2000-407/000-005

Jumper; 7-way; insulated; red

www.wago.com/2000-407/000-005

Item no.: 2000-433/000-006

Jumper; from 1 to 3; insulated; blue

www.wago.com/2000-433/000-006

Item no.: 2000-410/000-005

Jumper; 10-way; insulated; red

www.wago.com/2000-410/000-005

Item no.: 2000-435

Jumper; from 1 to 5; insulated; light gray

www.wago.com/2000-435

Item no.: 2000-409/000-006

Jumper; 9-way; insulated; blue

www.wago.com/2000-409/000-006

Item no.: 2000-436

Jumper; from 1 to 6; insulated; light gray

www.wago.com/2000-436

Item no.: 2000-433

Jumper; from 1 to 3; insulated; light gray

www.wago.com/2000-433

Item no.: 2000-434

Jumper; from 1 to 4; insulated; light gray

www.wago.com/2000-434

Item no.: 2000-402

Jumper; 2-way; insulated; light gray

www.wago.com/2000-402

Item no.: 2000-402/000-006

Jumper; 2-way; insulated; blue

www.wago.com/2000-402/000-006

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Item no.: 2000-403

Jumper; 3-way; insulated; light gray

www.wago.com/2000-403

Item no.: 2000-402/000-005

Jumper; 2-way; insulated; red

www.wago.com/2000-402/000-005

Item no.: 2000-402/000-018

Jumper; 2-way; insulated; yellow-green

www.wago.com/2000-402/000-018

Item no.: 2000-404

Jumper; 4-way; insulated; light gray

www.wago.com/2000-404

Item no.: 2000-403/000-005

Jumper; 3-way; insulated; red

www.wago.com/2000-403/000-005

Item no.: 2000-404/000-006

Jumper; 4-way; insulated; blue

www.wago.com/2000-404/000-006

Item no.: 2000-403/000-006

Jumper; 3-way; insulated; blue

www.wago.com/2000-403/000-006

Item no.: 2000-404/000-005

Jumper; 4-way; insulated; red

www.wago.com/2000-404/000-005

Item no.: 2000-405

Jumper; 5-way; insulated; light gray

www.wago.com/2000-405

Item no.: 2000-405/011-000

Star point jumper; 3-way; insulated; light gray

www.wago.com/2000-405/011-000

Item no.: 2000-405/000-006

Jumper; 5-way; insulated; blue

www.wago.com/2000-405/000-006

Item no.: 2000-406/000-006

Jumper; 6-way; insulated; blue

www.wago.com/2000-406/000-006

Item no.: 2000-405/000-005

Jumper; 5-way; insulated; red

www.wago.com/2000-405/000-005

Item no.: 2000-406

Jumper; 6-way; insulated; light gray

www.wago.com/2000-406

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**Item no.: 2000-406/000-005**

Jumper; 6-way; insulated; red

www.wago.com/2000-406/000-005**Item no.: 2000-406/020-000**

Delta jumper; insulated; light gray

www.wago.com/2000-406/020-000**Item no.: 2000-437**

Jumper; from 1 to 7; insulated; light gray

www.wago.com/2000-437**Item no.: 2000-438**

Jumper; from 1 to 8; insulated; light gray

www.wago.com/2000-438**Item no.: 2000-439**

Jumper; from 1 to 9; insulated; light gray

www.wago.com/2000-439**Item no.: 2000-440**

Jumper; from 1 to 10; insulated; light gray

www.wago.com/2000-440**Item no.: 210-103**

Wire commoning chain; insulated; black

www.wago.com/210-103**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

Item no.: 2009-113

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

www.wago.com/2009-113**Item no.: 2009-113/000-002**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow

www.wago.com/2009-113/000-002**Item no.: 2009-113/000-012**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange

www.wago.com/2009-113/000-012**Item no.: 2009-113/000-007**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray

www.wago.com/2009-113/000-007**Item no.: 2009-113/000-005**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red

www.wago.com/2009-113/000-005**Item no.: 2009-113/000-017**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green

www.wago.com/2009-113/000-017

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| | |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue | www.wago.com/2009-113/000-006 |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

| | |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet | www.wago.com/2009-113/000-024 |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

| | |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green | www.wago.com/2009-113/000-023 |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white | www.wago.com/793-3501 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|

Group marker carrier

| | |
|---------------------------------------------------------|------------------------------------------------------------------|
| Item no.: 2009-191 Group marker carrier; gray | www.wago.com/2009-191 |
|---------------------------------------------------------|------------------------------------------------------------------|

Tool

Operating tool

| | |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Item no.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short | www.wago.com/210-648 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Item no.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-647 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

| | |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | www.wago.com/210-719 |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

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

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

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



| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 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 |
| Protective warning marker | |
| Cover | |
| Item no.: 2000-115 Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow | www.wago.com/2000-115 |

Downloads

Documentation

Bid Text

| | | | |
|---------------------------|--------------|-----------------|----------|
| 2000-1302 X81 - Datei | 2019 年2月19 日 | xml 4.0 kB | Download |
| 2000-1302 docx - Datei | 2018 年8月7 日 | docx 15.1 kB | Download |

Additional Information

| | | | |
|--|--|---------------|----------|
| | | pdf 2.3 MB | Download |
|--|--|---------------|----------|

CAD/CAE-Data

CAD data

| | | |
|------------------------|-----|----------|
| 2D/3D Models 2000-1302 | URL | Download |
|------------------------|-----|----------|

CAE data

| | | |
|-----------------------------|-----|----------|
| EPLAN Data Portal 2000-1302 | URL | Download |
|-----------------------------|-----|----------|

| | | |
|--------------------------|-----|----------|
| WSCAD Universe 2000-1302 | URL | Download |
|--------------------------|-----|----------|

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2000-1302

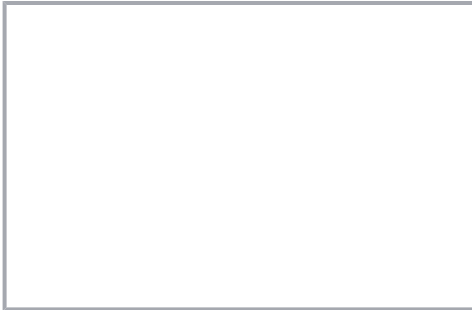
[URL](#)

[Download](#)

3-conductor through terminal block; 1 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®; 1,00 mm²; orange

Installation Notes

Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors

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.



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.

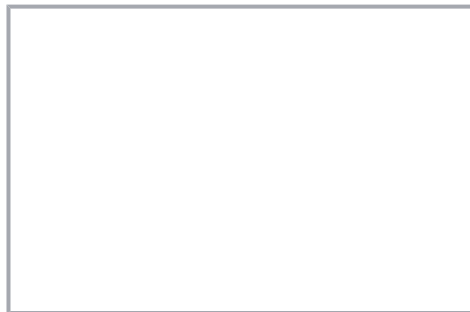
Advantage:

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

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!



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.

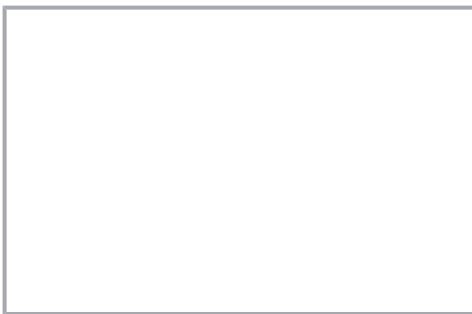


This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.

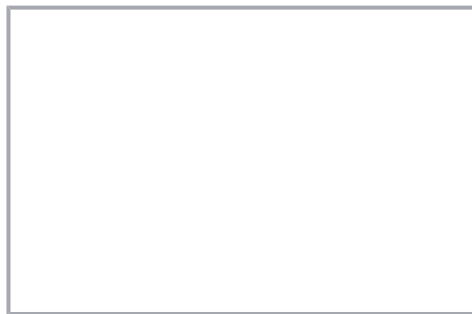


Push down the wire jumper (2009-402) until fully inserted. For rewiring, lift the jumper with an operating tool at the notch provided for this purpose on the jumper.

Testing



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

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



Rail-mount terminal block assembly for electric motor wiring

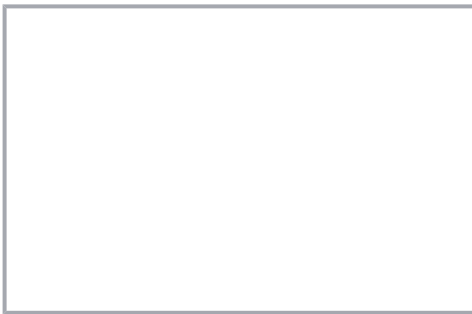


Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series



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



Snapping WMB Inline markers into marker slots.



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



TOPJOB® S 2009-193 Group Marker Carrier (equipped with a marking strip) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks

Do not use on an end plate!

Ex application



Through terminal blocks with a blue insulated housing are suitable for Ex i applications.



All through and ground conductor terminal blocks are suitable for Ex e II applications.

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



Separator plate for Ex e/Ex i applications

An end plate must be applied to the terminal block located directly behind an Ex e/Ex i separator plate.



Ex e II/Ex i terminal strip

Note:

The movable feet of terminal blocks and separator plates must face the same direction.



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.

Product family

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



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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