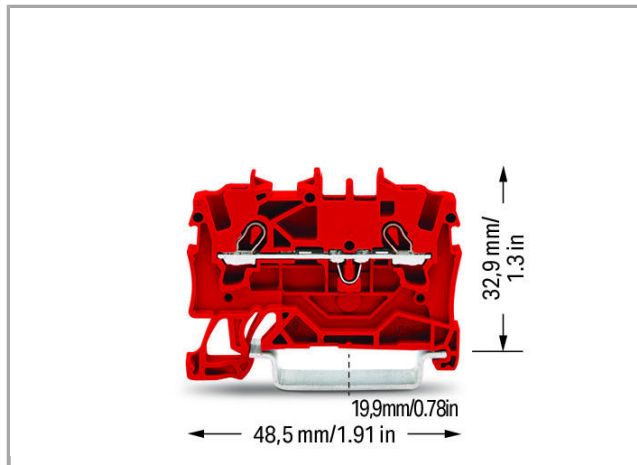
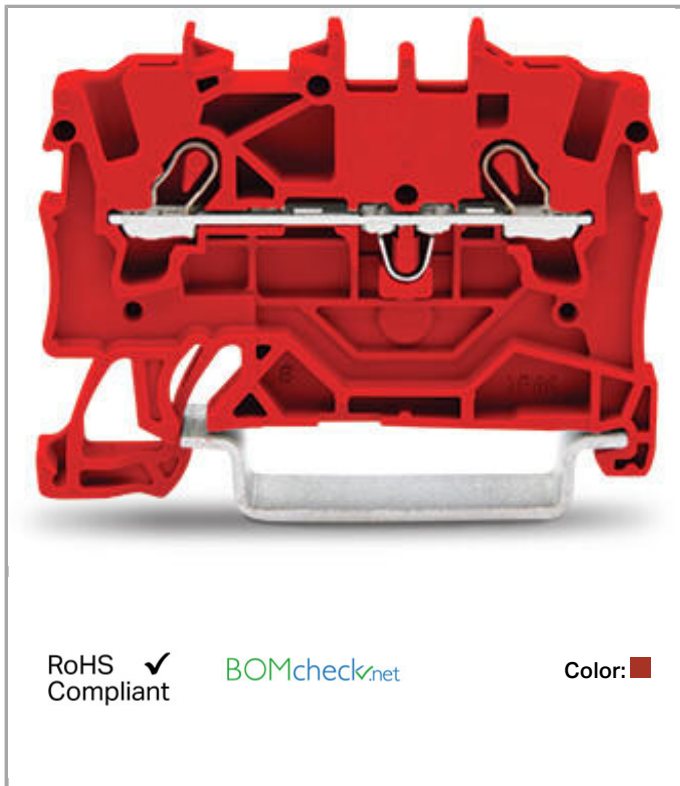


Data sheet | Item number: 2001-1203

2-conductor through terminal block; 1.5 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®



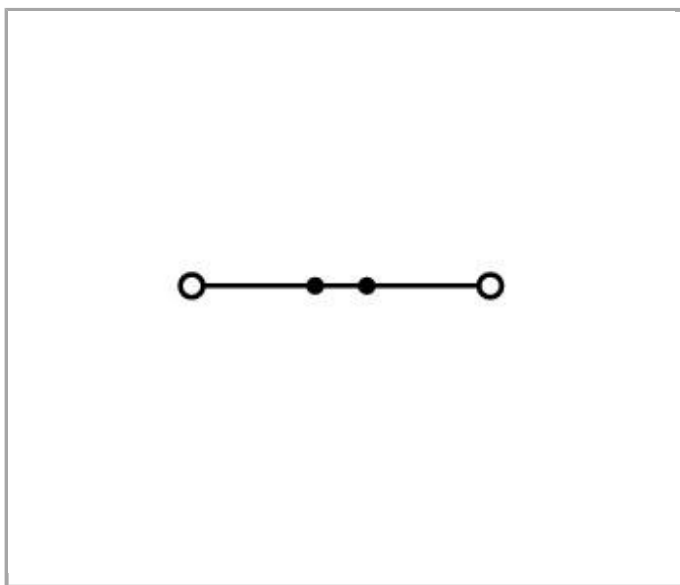
2001-1203



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■



Data

Electrical data

Rated voltage EN (Ex e II)

550 V



| | |
|-------------------------------------|------|
| Rated current (Ex e II) | 17 A |
| Rated current (Ex e II) with jumper | 16 A |

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|-------|
| Rated voltage (III / 3) | 800 V |
| Rated impulse voltage (III / 3) | 8 kV |
| Rated current | 18 A |
| Rated current (2) | 24 A |

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 |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 15 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 15 A |

Connection data

| | |
|--------------------------------------|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-in Open Tool Slot |
| Connectable conductor materials | Copper |
| Nominal cross section | 1.5 mm ² |
| Solid conductor | 0.25 ... 2.5 mm ² / 22 ... 14 AWG |
| Solid conductor, push-in termination | 0.75 ... 2.5 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor | 0.25 ... 2.5 mm ² / 22 ... 14 AWG |
| Strip length | 9 ... 11 mm / 0.35 ... 0.43 inch |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination. |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|-------|---------------------|
| Width | 4.2 mm / 0.165 inch |
|-------|---------------------|

| | |
|---------------------------------------|----------------------|
| Height from upper-edge of DIN-35 rail | 32.9 mm / 1.295 inch |
| Depth | 48.5 mm / 1.909 inch |

Mechanical data

| | |
|------------------|---------------------|
| Design | horizontal |
| Type of mounting | DIN-35 rail |
| Marking level | Center/side marking |

Material Data




| | |
|---------------------|----------------------|
| Color | red |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load | 0.074 MJ |
| Weight | 3.8 g |

Commercial data

| | |
|--------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| Country of origin | DE |
| GTIN | 4045454537364 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Ex-Approvals



| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|--|
|  | AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079 | E185892 sec.12 |
|  | ATEX Physikalisch Technische Bundesanstalt (PTB) | EN 60079 | PTB 05 ATEX 1094 U (II 2 G Ex e II bzw. I M 2 Ex e I) |
|  | IECEX Physikalisch Technische Bundesanstalt (PTB) | IEC 60079 | IECEX PTB 11.0093U (Ex e IIC Gb or Ex e I Mb) |

Country specific Approvals




| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
| | CCA | EN 60947 | 2160584.07 |

DEKRA Certification B.V.




| | | | |
|--|--|---------------|-------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7084 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1645434 |

Ship Approvals




















| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|------------------|
|  | ABS American Bureau of Shipping | EN 60947 | 14-HG1293677-PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
|  | LR Lloyds Register | EN 60947 | 91/20112 (E9) |



















UL-Approvals




















| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | UL UL International Germany GmbH | UL 1059 | E45172 |

Compatible products

End plate

| | | |
|--|--|-----------|
|  | Item no.: 2002-1291 End and intermediate plate; 0.8 mm thick | 2002-1291 |
|  | Item no.: 2002-1292 End and intermediate plate; 0.8 mm thick | 2002-1292 |
|  | Item no.: 2002-1293 Separator plate; 2 mm thick; oversized | 2002-1293 |
|  | Item no.: 2002-1294 Separator plate; 2 mm thick; oversized | 2002-1294 |
|  | Item no.: 209-190 Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide | 209-190 |
|  | Item no.: 209-191 Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide | 209-191 |
| Protective Warning Marker | | |
|  | Item no.: 2001-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 2001-115 |
| Insulation stop | | |
|  | Item no.: 2001-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip | 2001-171 |
| check | | |
|  | Item no.: 2001-511 Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole | 2001-511 |
|  | Item no.: 2001-549 Spacer module; modular; e.g., for bridging commoned terminal blocks | 2001-549 |
|  | Item no.: 2001-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole | 2001-552 |
|  | Item no.: 2001-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole | 2001-553 |
|  | Item no.: 2001-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole | 2001-554 |
|  | Item no.: 2001-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole | 2001-555 |
|  | Item no.: 2001-556 Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole | 2001-556 |
|  | Item no.: 2001-557 Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole | 2001-557 |
|  | Item no.: 2001-558 Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole | 2001-558 |
|  | Item no.: 2001-559 Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole | 2001-559 |
|  | Item no.: 2001-560 Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole | 2001-560 |

| | | |
|--|---|----------------------|
|  | Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks | 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 | 2009-182 |
| Carrier rail | | |
|  | 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 | 210-112 |
|  | Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715 | 210-113 |
|  | Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715 | 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 | 210-115 |
|  | Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715 | 210-118 |
|  | Item no.: 210-196 Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715 | 210-196 |
|  | Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715 | 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 | 210-198 |
| Jumper | | |
|  | Item no.: 2001-402 Push-in type jumper bar; insulated; 2-way; Nominal current 18 A | 2001-402 |
|  | Item no.: 2001-403 Push-in type jumper bar; insulated; 3-way; Nominal current 18 A | 2001-403 |
|  | Item no.: 2001-404 Push-in type jumper bar; insulated; 4-way; Nominal current 18 A | 2001-404 |
|  | Item no.: 2001-405 Push-in type jumper bar; insulated; 5-way; Nominal current 18 A | 2001-405 |
|  | Item no.: 2001-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block | 2001-405 /011-000 |
|  | Item no.: 2001-406 Push-in type jumper bar; insulated; 6-way; Nominal current 18 A | 2001-406 |
|  | Item no.: 2001-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block | 2001-406 /020-000 |
|  | Item no.: 2001-407 Push-in type jumper bar; insulated; 7-way; Nominal current 18 A | 2001-407 |















| | | |
|--|--|----------|
|  | Item no.: 2001-408 Push-in type jumper bar; insulated; 8-way; Nominal current 18 A | 2001-408 |
|  | Item no.: 2001-409 Push-in type jumper bar; insulated; 9-way; Nominal current 18 A | 2001-409 |
|  | Item no.: 2001-410 Push-in type jumper bar; insulated; 10-way; Nominal current 18 A | 2001-410 |
|  | Item no.: 2001-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A | 2001-433 |
|  | Item no.: 2001-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A | 2001-434 |
|  | Item no.: 2001-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A | 2001-435 |
|  | Item no.: 2001-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 18 A | 2001-436 |
|  | Item no.: 2001-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 18 A | 2001-437 |
|  | Item no.: 2001-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 18 A | 2001-438 |
|  | Item no.: 2001-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 18 A | 2001-439 |
|  | Item no.: 2001-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A | 2001-440 |
|  | Item no.: 2006-499 Step-down jumper; insulated; from 6/4 mm ² to 4/2.5/1.5 mm ² ; Nominal current 32 A | 2006-499 |
|  | Item no.: 2009-412 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks | 2009-412 |
|  | Item no.: 2009-414 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks | 2009-414 |
|  | Item no.: 2009-416 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm ² ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks | 2009-416 |
|  | Item no.: 210-103 Wire commoning chain; insulated; 50 connections | 210-103 |
|  | Item no.: 210-123 Wire commoning chain; insulated; 50 connections | 210-123 |
| tools | | |
|  | Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short | 210-647 |
|  | Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled | 210-648 |


















Item no.: 210-719
Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

210-719

Marking accessories

| | | |
|--|--|----------------------|
|  | Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type | 2009-110 |
|  | Item no.: 2009-114 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 |
|  | Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-002 |
|  | Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-005 |
|  | Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-006 |
|  | Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-007 |
|  | Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-012 |
|  | Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-023 |
|  | Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114 /000-024 |
|  | Item no.: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 |
|  | Item no.: 793-4501/000-002 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-002 |
|  | Item no.: 793-4501/000-005 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-005 |
|  | Item no.: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-006 |
|  | Item no.: 793-4501/000-007 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-007 |

| | | |
|--|--|----------------------|
|  | Item no.: 793-4501/000-012 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-012 |
|  | Item no.: 793-4501/000-017 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-017 |
|  | Item no.: 793-4501/000-023 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-023 |
|  | Item no.: 793-4501/000-024 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type | 793-4501 /000-024 |
|  | Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 |
|  | Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-002 |
|  | Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-005 |
|  | Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-006 |
|  | Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-007 |
|  | Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-012 |
|  | Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-017 |
|  | Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-023 |
|  | Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-024 |
| 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 | 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 | 216-242 |



Item no.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-243



Item no.: 216-244

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-244

Downloads

Documentation

Bid Text

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Additional Information

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CAD/CAE - Smart Data

CAD data

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Subject to changes.