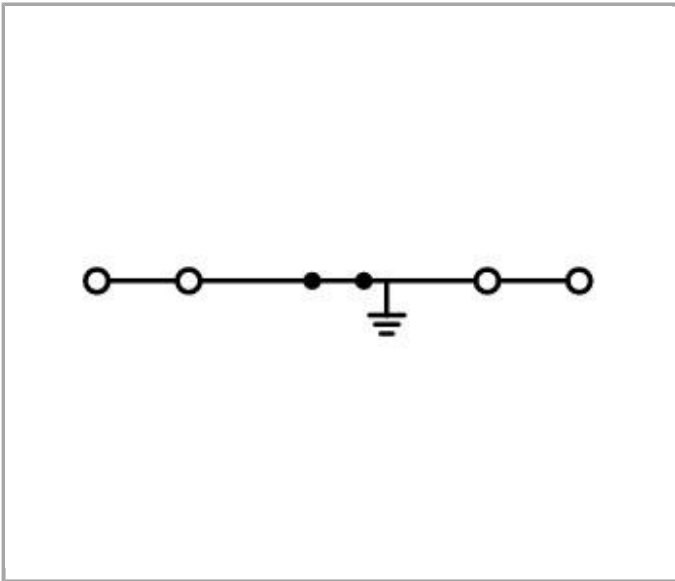
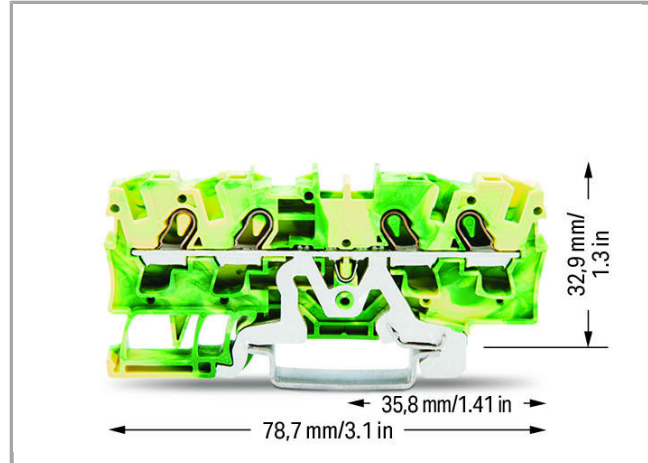
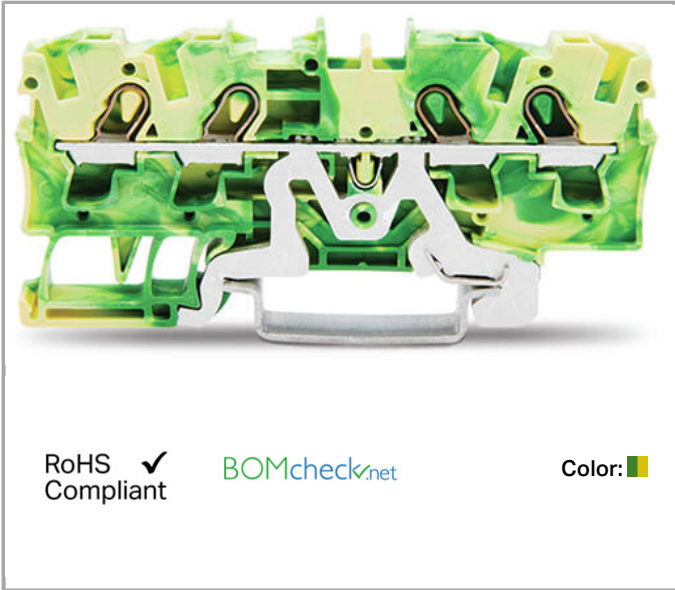


Data sheet | Item number: 2004-1407

4-conductor ground terminal block; 4 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®



2004-1407



Data

Connection data

| | |
|---------------------------------|---------------------------|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-in Open Tool Slot |
| Connectable conductor materials | Copper |
| Nominal cross section | 4 mm ² |



| | |
|--------------------------------------|---|
| Solid conductor | 0.5 ... 6 mm ² / 20 ... 10 AWG |
| Solid conductor, push-in termination | 1.5 ... 6 mm ² / 14 ... 10 AWG |
| Fine-stranded conductor | 0.5 ... 6 mm ² / 20 ... 10 AWG |
| Strip length | 11 ... 13 mm / 0.43 ... 0.51 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 | 4 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 6.2 mm / 0.244 inch |
| Height from upper-edge of DIN-35 rail | 32.9 mm / 1.295 inch |
| Depth | 78.7 mm / 3.098 inch |

Mechanical data

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

Material Data


| | |
|---------------------|----------------------|
| Color | green-yellow |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load | 0.174 MJ |
| Weight | 16.718 g |

Commercial data

| | |
|--------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| Country of origin | DE |
| GTIN | 4017332071833 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Ex-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | AEx Underwriters Laboratories Inc. | EN 60079 | E185892 |






ATEX
Physikalisch Technische Bundesanstalt (PTB)




EN 60079

PTB 05
ATEX
1095 U (II
2 G/D Ex
eII bzw. I
M2 Ex eI)


Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7088 |
|  | CCA DEKRA Certification B.V. | EN 60947 | 2160584.10 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1645435 |

Ship Approvals













| Logo | Approval | Additional Approval Text | Certificate name |
|---|--|--------------------------|------------------|
|  | BV Bureau Veritas S.A. | EN 60947 | 38586/A0 BV |
|  | 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


Marking accessories

| | | |
|--|---|----------------------|
|  | Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type | 2009-110 |
|  | Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 |
|  | Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-002 |
|  | Item no.: 2009-115/000-005 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-005 |
|  | Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-006 |
|  | Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-007 |
|  | Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-012 |
|  | Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-017 |
|  | Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-023 |
|  | Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-024 |
|  | Item no.: 2009-135 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-135 |
|  | Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 |
| | Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 /000-002 |

| | | | |
|--|---|----------|----------|
|  | Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-005 | 2009-145 |
|  | Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-006 | 2009-145 |
|  | Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-007 | 2009-145 |
|  | Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-012 | 2009-145 |
|  | Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-023 | 2009-145 |
|  | Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-145 |
|  | Item no.: 2009-191 Group marker carrier | | 2009-191 |
|  | Item no.: 2009-192 Group marker carrier | | 2009-192 |
|  | Item no.: 2009-193 Group marker carrier | | 2009-193 |
|  | Item no.: 2009-198 Adaptor | | 2009-198 |
|  | Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | | 248-501 |
|  | Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-002 | 248-501 |
|  | Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-005 | 248-501 |
|  | Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-006 | 248-501 |
|  | Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-007 | 248-501 |

| | | | |
|--|---|----------|----------|
|  | Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-012 | 248-501 |
|  | Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-017 | 248-501 |
|  | Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-023 | 248-501 |
|  | Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-024 | 248-501 |
|  | 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 | /000-002 | 793-501 |
|  | Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type | /000-005 | 793-501 |
|  | Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type | /000-006 | 793-501 |
|  | Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type | /000-007 | 793-501 |
|  | Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type | /000-012 | 793-501 |
|  | Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type | /000-017 | 793-501 |
|  | Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type | /000-023 | 793-501 |
|  | Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type | /000-024 | 793-501 |
|  | 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 | | 793-5501 |
|  | 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 | /000-002 | 793-5501 |






| | | |
|--|---|----------------------|
|  | Item no.: 793-5501/000-005 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-005 |
|  | Item no.: 793-5501/000-006 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-006 |
|  | Item no.: 793-5501/000-007 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-007 |
|  | Item no.: 793-5501/000-012 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-012 |
|  | Item no.: 793-5501/000-014 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-014 |
|  | Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-017 |
|  | Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-023 |
|  | Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-024 |
| Protective Warning Marker | | |
|  | Item no.: 2004-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 2004-115 |
| check | | |
|  | Item no.: 2004-511 Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole | 2004-511 |
|  | Item no.: 2004-549 Spacer module; modular; e.g., for bridging commoned terminal blocks | 2004-549 |
|  | Item no.: 2004-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole | 2004-552 |
|  | Item no.: 2004-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole | 2004-553 |
|  | Item no.: 2004-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole | 2004-554 |
|  | Item no.: 2004-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole | 2004-555 |
|  | 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 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm

2009-182









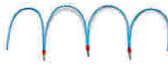









ferrule













| | | |
|---|--|---------|
|  | 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 | 216-262 |
|  | 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 | 216-263 |
|  | 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 | 216-264 |
|  | 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 | 216-266 |
|  | Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-267 |

Jumper

| | | |
|--|--|----------------------|
|  | Item no.: 2004-402 Push-in type jumper bar; insulated; 2-way; Nominal current 32 A | 2004-402 |
|  | Item no.: 2004-403 Push-in type jumper bar; insulated; 3-way; Nominal current 32 A | 2004-403 |
|  | Item no.: 2004-404 Push-in type jumper bar; insulated; 4-way; Nominal current 32 A | 2004-404 |
|  | Item no.: 2004-405 Push-in type jumper bar; insulated; 5-way; Nominal current 32 A | 2004-405 |
|  | Item no.: 2004-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block | 2004-405 /011-000 |
|  | Item no.: 2004-406 Push-in type jumper bar; insulated; 6-way; Nominal current 32 A | 2004-406 |
|  | Item no.: 2004-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block | 2004-406 /020-000 |
|  | Item no.: 2004-407 Push-in type jumper bar; insulated; 7-way; Nominal current 32 A | 2004-407 |
|  | Item no.: 2004-408 Push-in type jumper bar; insulated; 8-way; Nominal current 32 A | 2004-408 |
|  | Item no.: 2004-409 Push-in type jumper bar; insulated; 9-way; Nominal current 32 A | 2004-409 |
|  | Item no.: 2004-410 Push-in type jumper bar; insulated; 10-way; Nominal current 32 A | 2004-410 |
| | Item no.: 2004-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 32 A | 2004-433 |



| | | |
|--|--|-----------|
|  | Item no.: 2004-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 32 A | 2004-434 |
|  | Item no.: 2004-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 32 A | 2004-435 |
|  | Item no.: 2004-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 32 A | 2004-436 |
|  | Item no.: 2004-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 32 A | 2004-437 |
|  | Item no.: 2004-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 32 A | 2004-438 |
|  | Item no.: 2004-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 32 A | 2004-439 |
|  | Item no.: 2004-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 32 A | 2004-440 |
|  | Item no.: 210-103 Wire commoning chain; insulated; 50 connections | 210-103 |
|  | Item no.: 210-123 Wire commoning chain; insulated; 50 connections | 210-123 |
| End plate | | |
|  | Item no.: 2004-1491 End and intermediate plate; 1 mm thick | 2004-1491 |
|  | Item no.: 2004-1492 End and intermediate plate; 1 mm thick | 2004-1492 |
|  | Item no.: 2004-1493 Separator plate; 2 mm thick; oversized | 2004-1493 |
|  | Item no.: 2004-1494 Separator plate; 2 mm thick; oversized | 2004-1494 |
|  | Item no.: 209-191 Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide | 209-191 |
| 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 |
|  | Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715 | 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 | 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 | 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 | 210-508 |
| Insulation stop | | |
|  | Item no.: 2004-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip | 2004-171 |
|  | Item no.: 2004-172 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip | 2004-172 |
| tools | | |
|  | Item no.: 210-658 Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled | 210-658 |
|  | Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |

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| | | | |
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| 2004-1407 | Apr 4, 2012 | docx 14.9 kB | Download |
| Reihenklemmen, TOPJOB S | | | |

Additional Information

| | |
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Subject to changes.
