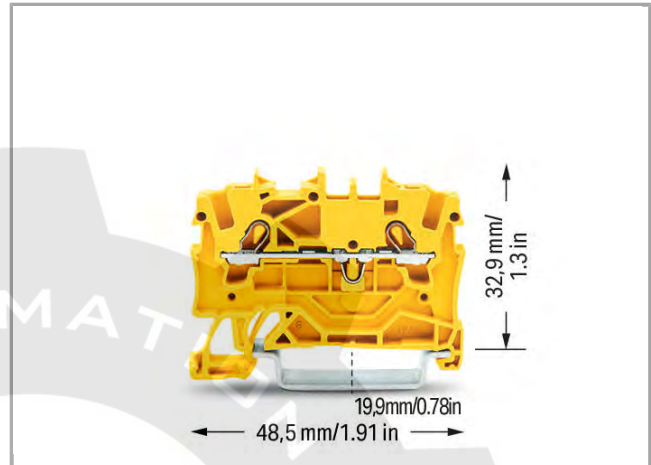


## Data sheet | Item number: 2001-1206

2-conductor through terminal block; 1.5 mm<sup>2</sup>; 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®



2001-1206



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<br>Open Tool Slot                                                                                                         |
| Connectable conductor materials      | Copper                                                                                                                            |
| Nominal cross section                | 1.5 mm²                                                                                                                           |
| Solid conductor                      | 0.25 ... 2.5 mm² / 22 ... 14 AWG                                                                                                  |
| Solid conductor, push-in termination | 0.75 ... 2.5 mm² / 18 ... 14 AWG                                                                                                  |
| Fine-stranded conductor              | 0.25 ... 2.5 mm² / 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               | yellow               |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.074 MJ             |
| Weight              | 3.533 g              |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4045454537388 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

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

### Country specific Approvals

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

DEKRA Certification B.V.



|                                                                                  |                                        |          |             |
|----------------------------------------------------------------------------------|----------------------------------------|----------|-------------|
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947 | NTR NL-7084 |
|----------------------------------------------------------------------------------|----------------------------------------|----------|-------------|

|                                                                                  |                                        |               |         |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|---------|
|  | <b>CSA</b><br>DEKRA Certification B.V. | C22.2 No. 158 | 1645434 |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|---------|

#### Ship Approvals

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

#### UL-Approvals

| Logo                                                                               | Approval                                   | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|------------------|
|  | <b>UL</b><br>UL International Germany GmbH | UL 1059                  | E45172           |

#### Compatible products

check

|                                                                                    |                                                                                                                          |                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2001-511</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole                        | 2001-511             |
|    | <b>Item no.: 2001-549</b><br>Spacer module; modular; e.g., for bridging commoned terminal blocks                         | 2001-549             |
|    | <b>Item no.: 2001-552</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole                        | 2001-552             |
|    | <b>Item no.: 2001-553</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole                        | 2001-553             |
|    | <b>Item no.: 2001-554</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole                        | 2001-554             |
|    | <b>Item no.: 2001-555</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole                        | 2001-555             |
|    | <b>Item no.: 2001-556</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole                        | 2001-556             |
|    | <b>Item no.: 2001-557</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole                        | 2001-557             |
|    | <b>Item no.: 2001-558</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole                        | 2001-558             |
|   | <b>Item no.: 2001-559</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole                        | 2001-559             |
|  | <b>Item no.: 2001-560</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole                       | 2001-560             |
|  | <b>Item no.: 2009-174</b><br>Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks | 2009-174             |
|  | <b>Item no.: 2009-182</b><br>Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm | 2009-182             |
| <b>Marking accessories</b>                                                         |                                                                                                                          |                      |
|  | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type                               | 2009-110             |
|  | <b>Item no.: 2009-114</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type         | 2009-114             |
|  | <b>Item no.: 2009-114/000-002</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114<br>/000-002 |
|  | <b>Item no.: 2009-114/000-005</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114<br>/000-005 |
|  | <b>Item no.: 2009-114/000-006</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | 2009-114<br>/000-006 |

|                                                                                    |                                                                                                                          |          |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------|----------|
|   | <b>Item no.: 2009-114/000-007</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | /000-007 | 2009-114 |
|   | <b>Item no.: 2009-114/000-012</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | /000-012 | 2009-114 |
|   | <b>Item no.: 2009-114/000-023</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | /000-023 | 2009-114 |
|   | <b>Item no.: 2009-114/000-024</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type | /000-024 | 2009-114 |
|    | <b>Item no.: 793-4501</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type                      |          | 793-4501 |
|    | <b>Item no.: 793-4501/000-002</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-002 | 793-4501 |
|    | <b>Item no.: 793-4501/000-005</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-005 | 793-4501 |
|  | <b>Item no.: 793-4501/000-006</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-006 | 793-4501 |
|  | <b>Item no.: 793-4501/000-007</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-007 | 793-4501 |
|  | <b>Item no.: 793-4501/000-012</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-012 | 793-4501 |
|  | <b>Item no.: 793-4501/000-017</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-017 | 793-4501 |
|  | <b>Item no.: 793-4501/000-023</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-023 | 793-4501 |
|  | <b>Item no.: 793-4501/000-024</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type              | /000-024 | 793-4501 |
|  | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                              |          | 793-501  |
|  | <b>Item no.: 793-501/000-002</b><br>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

## 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

## Insulation stop



**Item no.: 2001-171**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

2001-171

## 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

/011-000

2001-405

|                                                                                    |                                                                                                                                                                                                                |                      |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2001-406</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 18 A                                                                                                                   | 2001-406             |
|    | <b>Item no.: 2001-406/020-000</b><br>Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block                                                                                                              | 2001-406<br>/020-000 |
|    | <b>Item no.: 2001-407</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 18 A                                                                                                                   | 2001-407             |
|    | <b>Item no.: 2001-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 18 A                                                                                                                   | 2001-408             |
|    | <b>Item no.: 2001-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 18 A                                                                                                                   | 2001-409             |
|    | <b>Item no.: 2001-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 18 A                                                                                                                  | 2001-410             |
|    | <b>Item no.: 2001-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A                                                                                                             | 2001-433             |
|    | <b>Item no.: 2001-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A                                                                                                             | 2001-434             |
|   | <b>Item no.: 2001-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A                                                                                                             | 2001-435             |
|  | <b>Item no.: 2001-436</b><br>Push-in type jumper bar; insulated; from 1 to 6; Nominal current 18 A                                                                                                             | 2001-436             |
|  | <b>Item no.: 2001-437</b><br>Push-in type jumper bar; insulated; from 1 to 7; Nominal current 18 A                                                                                                             | 2001-437             |
|  | <b>Item no.: 2001-438</b><br>Push-in type jumper bar; insulated; from 1 to 8; Nominal current 18 A                                                                                                             | 2001-438             |
|  | <b>Item no.: 2001-439</b><br>Push-in type jumper bar; insulated; from 1 to 9; Nominal current 18 A                                                                                                             | 2001-439             |
|  | <b>Item no.: 2001-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A                                                                                                            | 2001-440             |
|  | <b>Item no.: 2006-499</b><br>Step-down jumper; insulated; from 6/4 mm <sup>2</sup> to 4/2.5/1.5 mm <sup>2</sup> ; Nominal current 32 A                                                                         | 2006-499             |
|  | <b>Item no.: 2009-412</b><br>Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm <sup>2</sup> ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks  | 2009-412             |
|  | <b>Item no.: 2009-414</b><br>Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm <sup>2</sup> ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks | 2009-414             |
|  | <b>Item no.: 2009-416</b><br>Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm <sup>2</sup> ; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks | 2009-416             |
|  | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; 50 connections                                                                                                                                    | 210-103              |



Item no.: 210-123

210-123

Wire commoning chain; insulated; 50 connections

## Protective Warning Marker



Item no.: 2001-115

2001-115

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

## ferrule



Item no.: 216-241

216-241

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

Item no.: 216-242

216-242

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

Item no.: 216-243

216-243

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

Item no.: 216-244

216-244

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

## End plate



Item no.: 2002-1291

2002-1291

End and intermediate plate; 0.8 mm thick



Item no.: 2002-1292

2002-1292

End and intermediate plate; 0.8 mm thick



Item no.: 2002-1293

2002-1293

Separator plate; 2 mm thick; oversized



Item no.: 2002-1294

2002-1294

Separator plate; 2 mm thick; oversized



Item no.: 209-190

209-190

Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide



Item no.: 209-191

209-191

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide

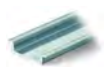
## Carrier rail



Item no.: 210-112

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



Item no.: 210-113

210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715



Item no.: 210-114

210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715



Item no.: 210-115

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



Item no.: 210-118

210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

**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

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