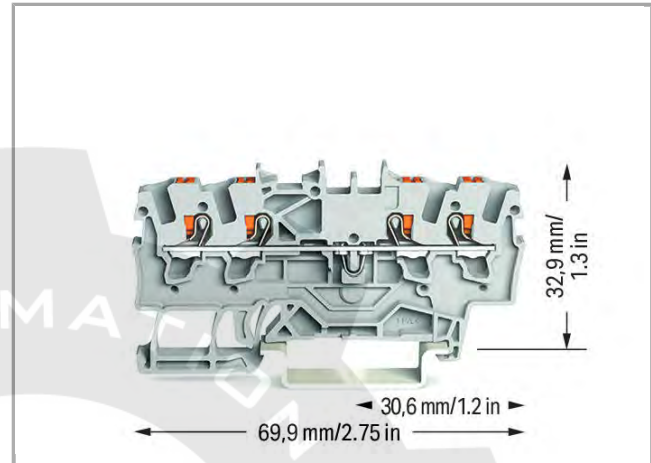
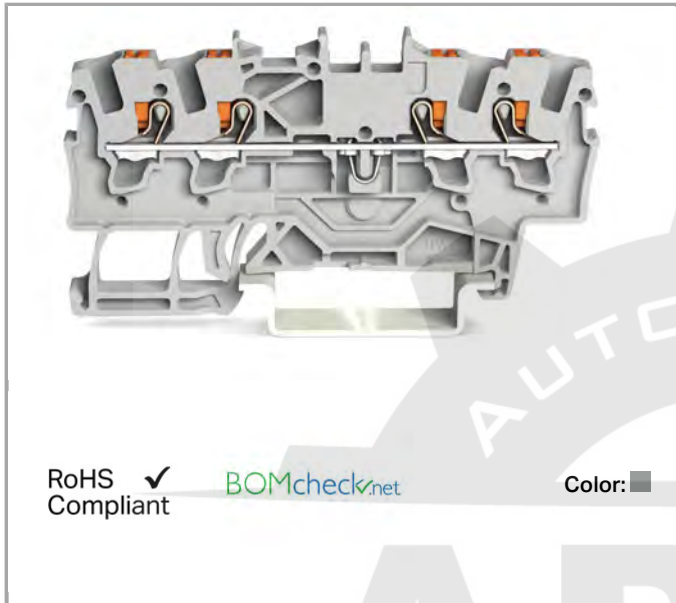


## Data sheet | Item number: 2201-1401

4-conductor through terminal block; with push-button; 1.5 mm<sup>2</sup>; with test port; 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®; 1,50 mm<sup>2</sup>; gray



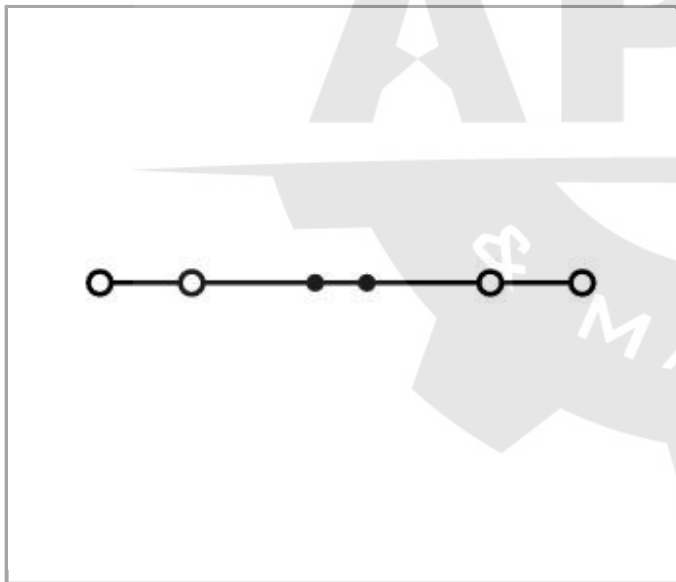
2201-1401



RoHS Compliant

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

Color:



### Data

#### Electrical data

#### 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  |

## Connection data

|                                      |                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                       | Push-in<br>Push-button                                                                                                            |
| Connectable conductor materials      | Copper                                                                                                                            |
| Nominal cross section                | 1.5 mm <sup>2</sup>                                                                                                               |
| Solid conductor                      | 0.25 2.5 mm <sup>2</sup> / 22 14 AWG                                                                                              |
| Solid conductor, push-in termination | 0.75 2.5 mm <sup>2</sup> / 18 14 AWG                                                                                              |
| Fine-stranded conductor              | 0.25 2.5 mm <sup>2</sup> / 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    | 4                                                                                                                                 |
| Total number of potentials           | 1                                                                                                                                 |
| Number of levels                     | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |
| Number of jumper slots               | 2                                                                                                                                 |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 4.2 mm / 0.165 inch  |
| Height from upper-edge of DIN-35 rail | 32.9 mm / 1.295 inch |
| Depth                                 | 69.9 mm / 2.752 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.124 MJ             |

|        |         |
|--------|---------|
| Weight | 6.101 g |
|--------|---------|

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4055143696852 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                                                                       | Additional Approval Text | Certificate name                                                                 |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------|
|    | AEx<br>UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079                 | E185892<br>sec. 25                                                               |
|    | ATEX<br>Physikalisch Technische Bundesanstalt                                  | IEC 60079-0              | PTB 18<br>ATEX<br>1004 U (II<br>2 G Ex eb<br>IIC Gb<br>bzw. I M 2<br>Ex eb I Mb) |
|  | ATEX<br>Physikalisch Technische Bundesanstalt                                  | IEC 60079-0              | PTB 18<br>ATEX<br>1004 U (II<br>2 G Ex eb<br>IIC Gb<br>bzw. I M 2<br>Ex eb I Mb) |
|  | IECEX<br>Physikalisch Technische Bundesanstalt                                 | IEC 60079-0              | IECEX PTB<br>18.0011U<br>(Ex eb IIC<br>Gb and Ex<br>eb I Mb)                     |
|  | IECEX<br>Physikalisch Technische Bundesanstalt                                 | IEC 60079-0              | IECEX PTB<br>18.0011U<br>(Ex eb IIC<br>Gb and Ex<br>eb I Mb)                     |

### Radio-Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL<br>7664   |



CSA  
DEKRA Certification B.V.

C22.2

70173738



KEMA/KEUR  
DEKRA Certification B.V.

EN 60947

71-  
102875

#### Country specific Approvals

| Logo                                                                              | Approval                              | Additional Approval Text | Certificate name |
|-----------------------------------------------------------------------------------|---------------------------------------|--------------------------|------------------|
|   | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7664   |
|   | CSA<br>DEKRA Certification B.V.       | C22.2                    | 70173738         |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-<br>102875    |

#### Ship Approvals

| Logo                                                                                | Approval                                         | Additional Approval Text | Certificate name         |
|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|--------------------------|
|   | ABS<br>American Bureau of Shipping               | -                        | 19-<br>HG1866350-<br>PDA |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00003JT               |
|  | LR<br>Lloyds Register                            | -                        | 19/20050                 |

#### Other Approvals

| Logo                                                                               | Approval                                | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|-----------------------------------------|--------------------------|------------------|
|  | cURus<br>Underwriters Laboratories Inc. | UL 1059                  | 4788308064       |

## UL-Approvals

| Logo                                                                             | Approval                                | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|-----------------------------------------|--------------------------|------------------|
|  | cURus<br>Underwriters Laboratories Inc. | UL 1059                  | 4788308064       |

## Compatible products

### tools

|                                                                                    |                                                                                                                |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------|
|   | <b>Item no.: 210-647</b><br>Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft              | 210-647 |
|  | <b>Item no.: 210-648</b><br>Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled | 210-648 |
|  | <b>Item no.: 210-719</b><br>Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft              | 210-719 |

### Jumper

|                                                                                    |                                                                                                                      |                      |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------|
|  | <b>Item no.: 2001-402</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 18 A; light gray             | 2001-402             |
|  | <b>Item no.: 2001-403</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 18 A; light gray             | 2001-403             |
|  | <b>Item no.: 2001-404</b><br>Push-in type jumper bar; insulated; 4-way; Nominal current 18 A; light gray             | 2001-404             |
|  | <b>Item no.: 2001-405</b><br>Push-in type jumper bar; insulated; 5-way; Nominal current 18 A; light gray             | 2001-405             |
|  | <b>Item no.: 2001-405/011-000</b><br>Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block; light gray | 2001-405<br>/011-000 |
|  | <b>Item no.: 2001-406</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 18 A; light gray             | 2001-406             |
|  | <b>Item no.: 2001-406/020-000</b><br>Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray        | 2001-406<br>/020-000 |

|                                                                                    |                                                                                                                                                                                                                              |                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2001-407</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 18 A; light gray                                                                                                                     | 2001-407             |
|    | <b>Item no.: 2001-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 18 A; light gray                                                                                                                     | 2001-408             |
|    | <b>Item no.: 2001-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 18 A; light gray                                                                                                                     | 2001-409             |
|    | <b>Item no.: 2001-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 18 A; light gray                                                                                                                    | 2001-410             |
|    | <b>Item no.: 2001-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A; light gray                                                                                                               | 2001-433             |
|    | <b>Item no.: 2001-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A; light gray                                                                                                               | 2001-434             |
|    | <b>Item no.: 2001-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A; light gray                                                                                                               | 2001-435             |
|    | <b>Item no.: 2001-436</b><br>Push-in type jumper bar; insulated; from 1 to 6; Nominal current 18 A; light gray                                                                                                               | 2001-436             |
|    | <b>Item no.: 2001-437</b><br>Push-in type jumper bar; insulated; from 1 to 7; Nominal current 18 A; light gray                                                                                                               | 2001-437             |
|   | <b>Item no.: 2001-438</b><br>Push-in type jumper bar; insulated; from 1 to 8; Nominal current 18 A; light gray                                                                                                               | 2001-438             |
|  | <b>Item no.: 2001-439</b><br>Push-in type jumper bar; insulated; from 1 to 9; Nominal current 18 A; light gray                                                                                                               | 2001-439             |
|  | <b>Item no.: 2001-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A; light gray                                                                                                              | 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; light gray                                                                           | 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; black         | 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; black        | 2009-414             |
|  | <b>Item no.: 2009-414/000-005</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; red  | 2009-414<br>/000-005 |
|  | <b>Item no.: 2009-414/000-006</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; blue | 2009-414<br>/000-006 |
|  | <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; black        | 2009-416             |
|  | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; 50 connections; black                                                                                                                                           | 210-103              |

**Item no.: 210-123**

Wire commoning chain; insulated; 50 connections

210-123

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

2001-171

**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; silver-colored

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; copper-colored

210-198

**End plate****Item no.: 2002-1491**

End and intermediate plate; 0.8 mm thick; gray

2002-1491

**Item no.: 2002-1492**

End and intermediate plate; 0.8 mm thick; orange

2002-1492

**Item no.: 2002-1493**

Separator plate; 2 mm thick; oversized; gray

2002-1493

**Item no.: 2002-1494**

Separator plate; 2 mm thick; oversized; orange

2002-1494

**plug****Item no.: 2002-880**

Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; gray

2002-880

**check****Item no.: 2001-511**Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 1,50 mm<sup>2</sup>; gray

2001-511

**Item no.: 2001-549**

Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

2001-549



**Item no.: 2001-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 1,50 mm<sup>2</sup>; gray

2001-552



**Item no.: 2001-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 1,50 mm<sup>2</sup>; gray

2001-553



**Item no.: 2001-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 1,50 mm<sup>2</sup>; gray

2001-554



**Item no.: 2001-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,50 mm<sup>2</sup>; gray

2001-555



**Item no.: 2001-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,50 mm<sup>2</sup>; gray

2001-556



**Item no.: 2001-557**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 1,50 mm<sup>2</sup>; gray

2001-557



**Item no.: 2001-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 1,50 mm<sup>2</sup>; gray

2001-558



**Item no.: 2001-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,50 mm<sup>2</sup>; gray

2001-559



**Item no.: 2001-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 1,50 mm<sup>2</sup>; gray

2001-560



**Item no.: 2009-174**  
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

2009-174



**Item no.: 2009-182**  
Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

2009-182

#### General accessories



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

2002-880



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

2002-880



**Item no.: 2002-880/1000-542**  
LED module; with red LED; 10.4 mm wide; 30 - 65 V; Operating temperature 85°C max.

2002-880



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

2002-880

#### ferrule



**Item no.: 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; white

216-241



**Item no.: 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; gray

216-242

**Item no.: 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; red                                 | 216-243              |
|     | <b>Item no.: 216-244</b><br>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; black | 216-244              |
| <b>Marking accessories</b>                                                         |                                                                                                                                                                                            |                      |
|    | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type; white                                                                                          | 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; white                                                                    | 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; yellow                                                           | 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; red                                                              | 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; blue                                                             | 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; gray                                                             | 2009-114<br>/000-007 |
|   | <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; orange                                                           | 2009-114<br>/000-012 |
|  | <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; green                                                            | 2009-114<br>/000-023 |
|  | <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; violet                                                           | 2009-114<br>/000-024 |
|  | <b>Item no.: 793-4501</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white                                                                                 | 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; yellow                                                                        | 793-4501<br>/000-002 |
|  | <b>Item no.: 793-4501/000-005</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red                                                                           | 793-4501<br>/000-005 |
|  | <b>Item no.: 793-4501/000-006</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue                                                                          | 793-4501<br>/000-006 |

**Item no.: 793-4501/000-007**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

793-4501

/000-007

**Item no.: 793-4501/000-012**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

793-4501

/000-012

**Item no.: 793-4501/000-017**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

793-4501

/000-017

**Item no.: 793-4501/000-023**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green

793-4501

/000-023

**Item no.: 793-4501/000-024**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

793-4501

/000-024

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