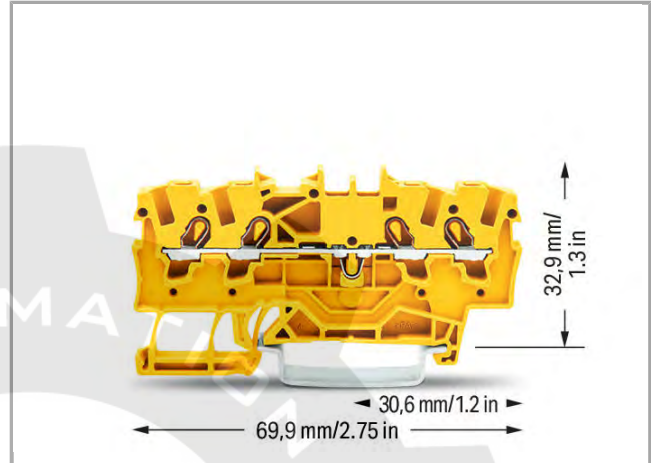
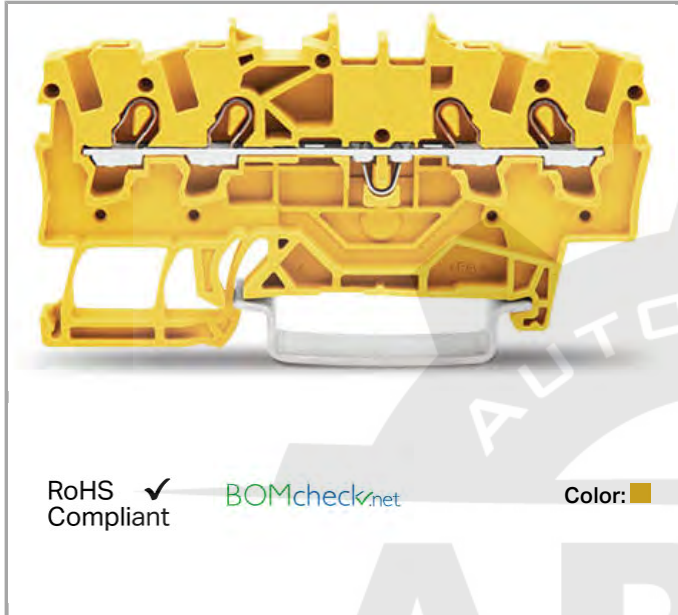


## Data sheet | Item number: 2001-1406

4-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®



2001-1406



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    | 4                                                                                                                                 |
| 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                                 | 69.9 mm / 2.752 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           | 0.104 MJ             |
| Weight              | 5.8 g                |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4045454537432 |
| 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.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<br>DEKRA Certification B.V. | EN 60947                 | 2160584.07       |

|                                                                                  |                                        |               |             |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|-------------|
|  | <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

#### Marking accessories

|                                                                                    |                                                                                            |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------|
|  | <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 | /000-002 | 2009-114 |
|    | <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 | /000-005 | 2009-114 |
|    | <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 | /000-006 | 2009-114 |
|    | <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 |



**Item no.: 793-4501/000-023**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type

/000-023

793-4501



**Item no.: 793-4501/000-024**  
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type

/000-024

793-4501



**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

#### 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



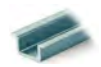
**Item no.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

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

**Protective Warning Marker****Item no.: 2001-115**

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

2001-115

**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 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm

2009-182

**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



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



**Item no.: 2009-414**

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

**Item no.: 2009-416**

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

**Item no.: 210-103**

Wire commoning chain; insulated; 50 connections

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

2001-171

**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

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

End and intermediate plate; 0.8 mm thick

2002-1491

**Item no.: 2002-1492**

End and intermediate plate; 0.8 mm thick

2002-1492

**Item no.: 2002-1493**

Separator plate; 2 mm thick; oversized

2002-1493

**Item no.: 2002-1494**

Separator plate; 2 mm thick; oversized

2002-1494

**Item no.: 209-191**

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

209-191

**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

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

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

216-243

**Item no.: 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

216-244



Downloads  
Documentation

Bid Text

|                         |             |         |          |
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| Reihenklemmen, TOPJOB S |             | 15.1 kB |          |

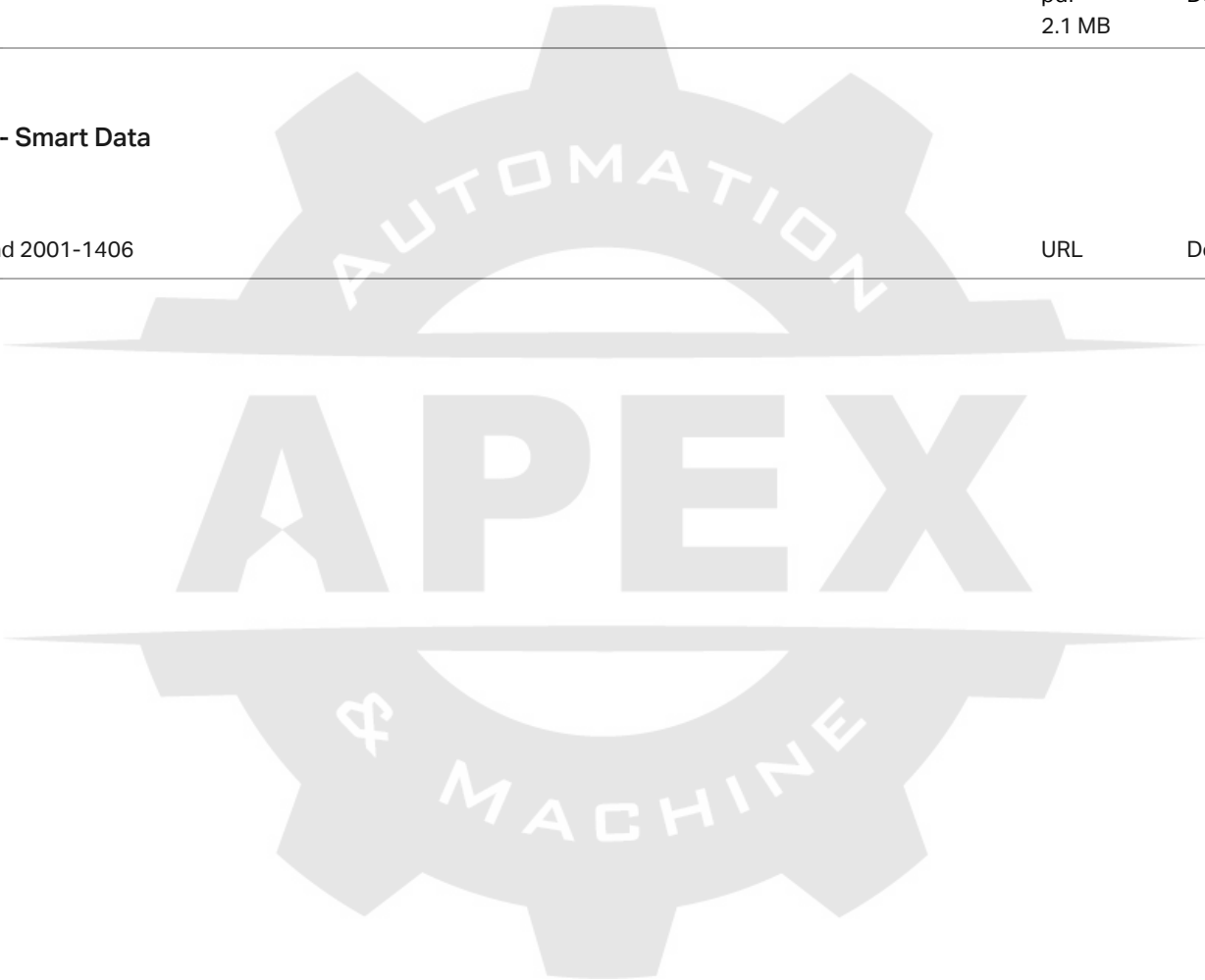
Additional Information

|  |  |        |          |
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CAD/CAE - Smart Data

CAD data

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Subject to changes.