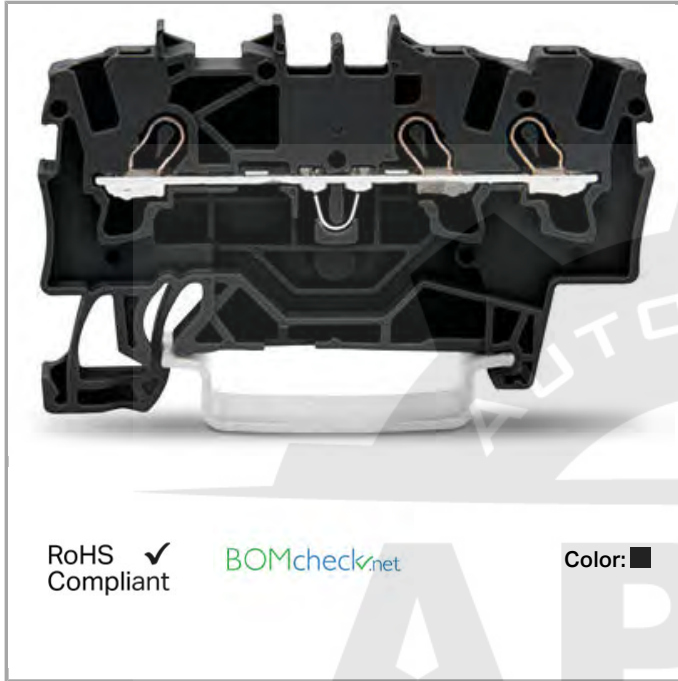


## Data sheet | Item number: 2001-1305

3-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®



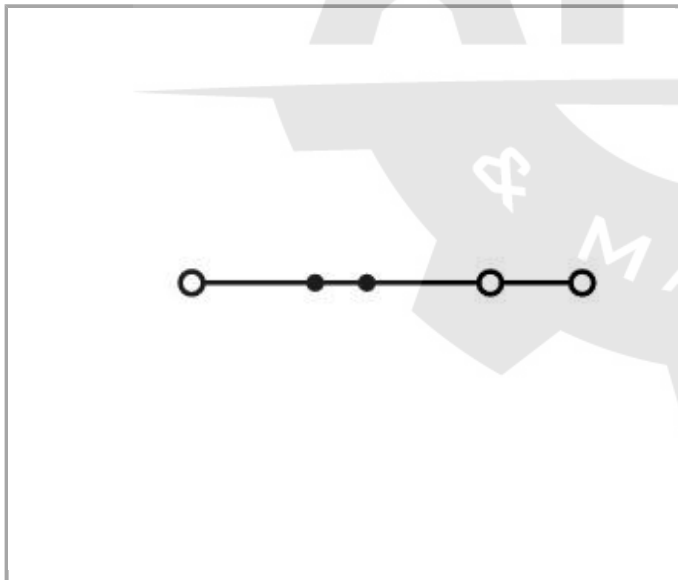
2001-1305



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    | 3                                                                                                                                 |
| 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                                 | 59.2 mm / 2.33 inch  |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | black                |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.106 MJ             |
| Weight              | 4.326 g              |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | DE            |
| GTIN               | 4045454537395 |
| 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       |



CCA  
DEKRA Certification B.V.

EN 60947

NTR NL-  
7084



CSA  
DEKRA Certification B.V.

C22.2 No. 158

1645434

#### Ship Approvals

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

#### UL-Approvals

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

#### Compatible products

#### End plate



Item no.: 2002-1391  
End and intermediate plate; 0.8 mm thick

2002-1391



**Item no.: 2002-1392**  
End and intermediate plate; 0.8 mm thick

2002-1392



**Item no.: 2002-1393**  
Separator plate; 2 mm thick; oversized

2002-1393



**Item no.: 2002-1394**  
Separator plate; 2 mm thick; oversized

2002-1394



**Item no.: 209-191**  
Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide

209-191

## Jumper



**Item no.: 2001-402**  
Push-in type jumper bar; insulated; 2-way; Nominal current 18 A

2001-402



**Item no.: 2001-403**  
Push-in type jumper bar; insulated; 3-way; Nominal current 18 A

2001-403



**Item no.: 2001-404**  
Push-in type jumper bar; insulated; 4-way; Nominal current 18 A

2001-404



**Item no.: 2001-405**  
Push-in type jumper bar; insulated; 5-way; Nominal current 18 A

2001-405



**Item no.: 2001-405/011-000**  
Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block

2001-405

/011-000



**Item no.: 2001-406**  
Push-in type jumper bar; insulated; 6-way; Nominal current 18 A

2001-406



**Item no.: 2001-406/020-000**  
Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block

2001-406

/020-000



**Item no.: 2001-407**  
Push-in type jumper bar; insulated; 7-way; Nominal current 18 A

2001-407



**Item no.: 2001-408**  
Push-in type jumper bar; insulated; 8-way; Nominal current 18 A

2001-408



**Item no.: 2001-409**  
Push-in type jumper bar; insulated; 9-way; Nominal current 18 A

2001-409



**Item no.: 2001-410**  
Push-in type jumper bar; insulated; 10-way; Nominal current 18 A

2001-410



**Item no.: 2001-433**  
Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A

2001-433



**Item no.: 2001-434**  
Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A

2001-434



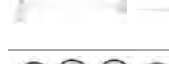
**Item no.: 2001-435**  
Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A

2001-435



**Item no.: 2001-436**  
Push-in type jumper bar; insulated; from 1 to 6; Nominal current 18 A

2001-436

|                                                                                    |                                                                                                                                                                                                                |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|    | <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  |
|   | <b>Item no.: 210-123</b><br>Wire commoning chain; insulated; 50 connections                                                                                                                                    | 210-123  |
| <b>check</b>                                                                       |                                                                                                                                                                                                                |          |
|  | <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 |



**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

#### Insulation stop



**Item no.: 2001-171**  
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

2001-171

#### Protective Warning Marker



**Item no.: 2001-115**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2001-115

#### 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

#### 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

#### ferrule

**Item no.: 216-241**

|                                                                                   |                                                                                                                                                                          |                      |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90                              | 216-241              |
|    | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-242              |
|    | <b>Item no.: 216-243</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-243              |
|    | <b>Item no.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-244              |
| <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                                                 | 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                                                 | 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                                                 | 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                                                 | 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                                                                      | 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                                                              | 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                                                              | 793-4501<br>/000-005 |

**Item no.: 793-4501/000-006**

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

/000-006

793-4501

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

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

/000-007

793-4501

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

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

/000-012

793-4501

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

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



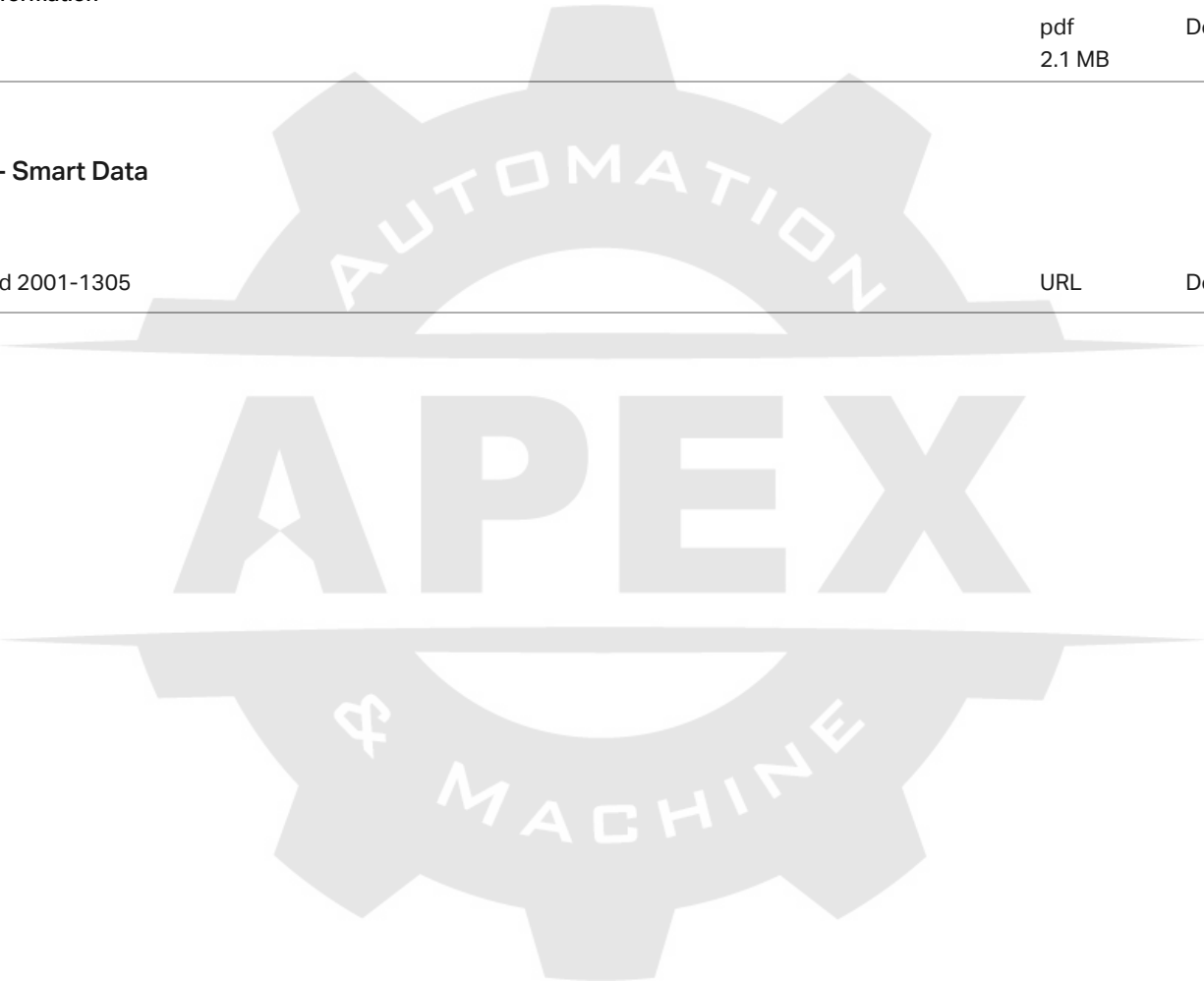
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|------------------------|--|--------|----------|
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|                        |  | 2.1 MB |          |

CAD/CAE - Smart Data  
CAD data

|                       |     |          |
|-----------------------|-----|----------|
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|-----------------------|-----|----------|



Subject to changes.