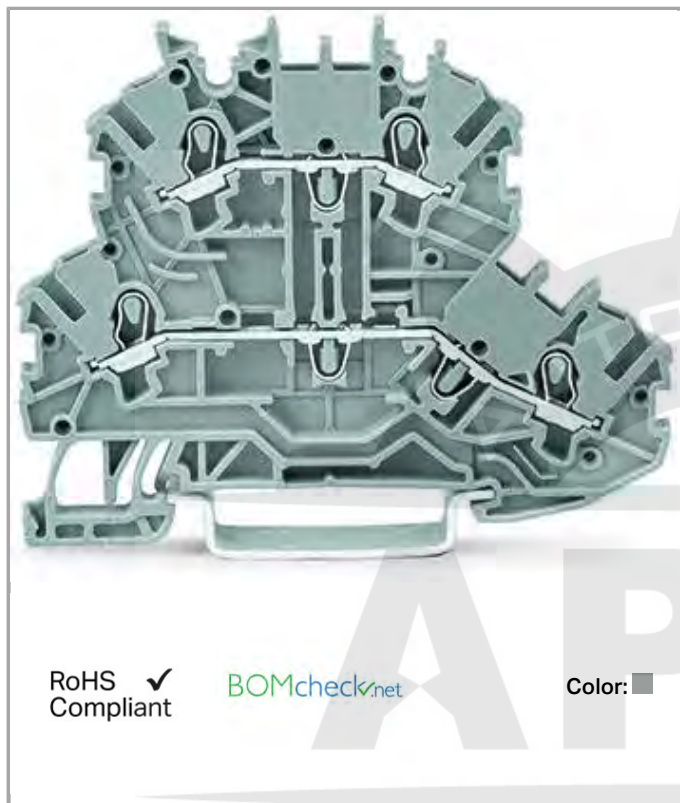


## Data sheet | Item number: 2000-2203



Double-deck terminal block; Through/through terminal block; L/N; without marker carrier; Blue conductor entry upper deck; for DIN-rail 35 x 15 and 35 x 7.5; 1 mm<sup>2</sup>; Push-in CAGE CLAMP®

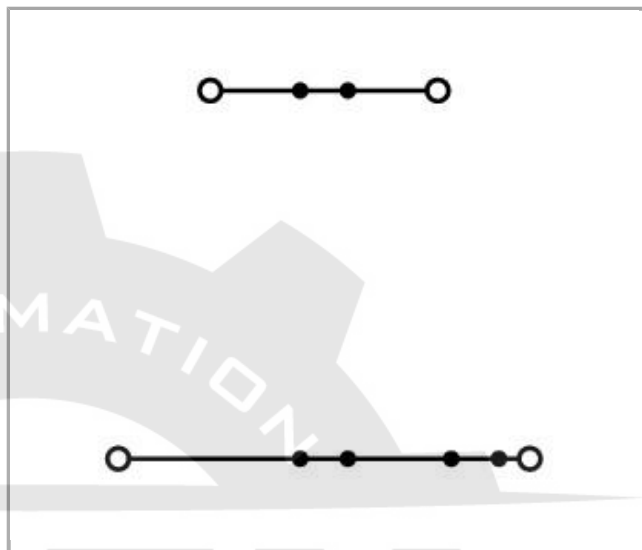
2000-2203



RoHS  
Compliant ✓

BOMcheck.net

Color: ■



### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |        |
|---------------------------------|--------|
| Rated voltage (III / 3)         | 500 V  |
| Rated impulse voltage (III / 3) | 6 kV   |
| Rated current                   | 13.5 A |
| Rated current (2)               | 16 A   |

#### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A  |
| Rated voltage UL (Use Group C) | 300 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) | 10 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A  |

## Connection data

|                                               |                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                         | Push-in CAGE CLAMP®                                                                                                               |
| Number of connection points (connection type) | 2                                                                                                                                 |
| Actuation type                                | Push-in<br>Open Tool Slot                                                                                                         |
| Connectable conductor materials               | Copper                                                                                                                            |
| Nominal cross section                         | 1 mm²                                                                                                                             |
| Solid conductor                               | 0.14 ... 1.5 mm² / 24 ... 16 AWG                                                                                                  |
| Solid conductor, push-in termination          | 0.5 ... 1.5 mm² / 20 ... 16 AWG                                                                                                   |
| Fine-stranded conductor                       | 0.14 ... 1.5 mm² / 24 ... 16 AWG                                                                                                  |
| Strip length                                  | 9 ... 11 mm / 0.35 ... 0.43 inch                                                                                                  |
| Number of connection points                   | 2                                                                                                                                 |
| 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                    | 2                                                                                                                                 |
| Number of levels                              | 2                                                                                                                                 |
| Type of wiring                                | Front-entry wiring                                                                                                                |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 3.5 mm / 0.138 inch  |
| Height from upper-edge of DIN-35 rail | 51.7 mm / 2.035 inch |
| Depth                                 | 69.7 mm / 2.744 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |

|           |          |
|-----------|----------|
| Fire load | 0.152 MJ |
| Weight    | 7.14 g   |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | CN            |
| GTIN               | 4055143267717 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                              | Approval                                      | Additional Approval Text | Certificate name                                                            |
|-----------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|-----------------------------------------------------------------------------|
|   | AEx<br>Underwriters Laboratories Inc.         | UL 60079                 | E185892                                                                     |
|  | ATEX<br>Physikalisch Technische Bundesanstalt | EN 60079                 | PTB 11<br>ATEX<br>1041 U (II<br>2 G Ex e<br>IIC GB / I<br>M 2 Ex e I<br>Mb) |

### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | 71-102841        |
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL<br>7671   |
|  | CCA<br>DEKRA Certification B.V. |                          | 2192406.01       |
|  | CCA<br>DEKRA Certification B.V. |                          | NTR NL<br>7518   |
|                                                                                    | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 2130762          |



## UL-Approvals

| Logo                                                                             | Approval                            | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|-------------------------------------|--------------------------|------------------|
|  | UL<br>UL International Germany GmbH | UL 1059                  | E45172<br>sec.55 |

## Compatible products

### check

|                                                                                    |                                                                                                  |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|
|  | Item no.: 2000-510<br>TOPJOB®S L-type test plug module; modular; for jumper contact slot         | 2000-510 |
|  | Item no.: 2000-511<br>TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole | 2000-511 |
|  | Item no.: 2000-549<br>Spacer module; modular; e.g., for bridging commoned terminal blocks        | 2000-549 |
|  | Item no.: 2000-552<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole       | 2000-552 |
|  | Item no.: 2000-553<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole       | 2000-553 |
|  | Item no.: 2000-554<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole       | 2000-554 |
|  | Item no.: 2000-555<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole       | 2000-555 |
|  | Item no.: 2000-556<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole       | 2000-556 |
|  | Item no.: 2000-557<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole       | 2000-557 |
|  | Item no.: 2000-558<br>Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole       | 2000-558 |

|                                                                                    |                                                                                                                          |                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2000-559</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole                        | 2000-559             |
|    | <b>Item no.: 2000-560</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole                       | 2000-560             |
|    | <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>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                                         | 210-136              |
|    | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable                                                       | 210-137              |
| <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.: 2009-113</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                                 | 2009-113             |
|    | <b>Item no.: 2009-113/000-002</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-002 |
|  | <b>Item no.: 2009-113/000-005</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-005 |
|  | <b>Item no.: 2009-113/000-006</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-006 |
|  | <b>Item no.: 2009-113/000-007</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-007 |
|  | <b>Item no.: 2009-113/000-012</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-012 |
|  | <b>Item no.: 2009-113/000-017</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-017 |
|  | <b>Item no.: 2009-113/000-023</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-023 |
|  | <b>Item no.: 2009-113/000-024</b><br>WMB-Inline; for Smart Printer; on reel; plain; snap-on type                         | 2009-113<br>/000-024 |
|  | <b>Item no.: 793-3501</b><br>WMB marking card; as card; plain; snap-on type                                              | 793-3501             |

## Carrier rail

|                                                                                  |                                                                                                                                      |         |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-112</b><br>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 |
|  | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715                  | 210-113 |
|  | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715                   | 210-114 |
|  | <b>Item no.: 210-115</b><br>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 |
|  | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715                 | 210-118 |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715               | 210-196 |
|  | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715                     | 210-197 |
|  | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715                | 210-198 |

## ferrule

|                                                                                   |                                                                                                                                                                          |         |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 216-241</b><br>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 |

## Protective Warning Marker

|                                                                                    |                                                                                                                |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|
|  | <b>Item no.: 2000-115</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 2000-115 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|

## tools

|                                                                                    |                                                                                                                |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-647</b><br>Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short         | 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 with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm        | 210-719 |

## End plate

|                                                                                    |                                                                        |           |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|
|  | <b>Item no.: 2000-2291</b><br>End and intermediate plate; 0.7 mm thick | 2000-2291 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|



**Item no.: 2000-2292**  
End and intermediate plate; 0.7 mm thick

2000-

2292

## General accessories



**Item no.: 2000-121**  
Adaptor

2000-121

## Jumper



**Item no.: 2000-402**  
Push-in type jumper bar; insulated; 2-way; Nominal current 14 A

2000-402



**Item no.: 2000-402/000-005**  
Push-in type jumper bar; insulated; 2-way; Nominal current 14 A

2000-402

/000-005



**Item no.: 2000-402/000-006**  
Push-in type jumper bar; insulated; 2-way; Nominal current 14 A

2000-402

/000-006



**Item no.: 2000-402/000-018**  
Push-in type jumper bar; insulated; 2-way; Nominal current 14 A

2000-402

/000-018



**Item no.: 2000-403**  
Push-in type jumper bar; insulated; 3-way; Nominal current 14 A

2000-403



**Item no.: 2000-403/000-005**  
Push-in type jumper bar; insulated; 3-way; Nominal current 14 A

2000-403

/000-005



**Item no.: 2000-403/000-006**  
Push-in type jumper bar; insulated; 3-way; Nominal current 14 A

2000-403

/000-006



**Item no.: 2000-404**  
Push-in type jumper bar; insulated; 4-way; Nominal current 14 A

2000-404



**Item no.: 2000-404/000-005**  
Push-in type jumper bar; insulated; 4-way; Nominal current 14 A

2000-404

/000-005



**Item no.: 2000-404/000-006**  
Push-in type jumper bar; insulated; 4-way; Nominal current 14 A

2000-404

/000-006



**Item no.: 2000-405**  
Push-in type jumper bar; insulated; 5-way; Nominal current 14 A

2000-405



**Item no.: 2000-405/000-005**  
Push-in type jumper bar; insulated; 5-way; Nominal current 14 A

2000-405

/000-005

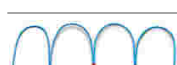


**Item no.: 2000-405/000-006**  
Push-in type jumper bar; insulated; 5-way; Nominal current 14 A

2000-405

/000-006

|                                                                                    |                                                                                                          |          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------|
|    | <b>Item no.: 2000-405/011-000</b><br>Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block | 2000-405 |
|    | <b>Item no.: 2000-406</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A             | 2000-406 |
|    | <b>Item no.: 2000-406/000-005</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A     | 2000-406 |
|    | <b>Item no.: 2000-406/000-006</b><br>Push-in type jumper bar; insulated; 6-way; Nominal current 14 A     | 2000-406 |
|    | <b>Item no.: 2000-406/020-000</b><br>Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block        | 2000-406 |
|    | <b>Item no.: 2000-407</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A             | 2000-407 |
|    | <b>Item no.: 2000-407/000-005</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A     | 2000-407 |
|   | <b>Item no.: 2000-407/000-006</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 14 A     | 2000-407 |
|  | <b>Item no.: 2000-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A             | 2000-408 |
|  | <b>Item no.: 2000-408/000-005</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A     | 2000-408 |
|  | <b>Item no.: 2000-408/000-006</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 14 A     | 2000-408 |
|  | <b>Item no.: 2000-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A             | 2000-409 |
|  | <b>Item no.: 2000-409/000-005</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A     | 2000-409 |
|  | <b>Item no.: 2000-409/000-006</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 14 A     | 2000-409 |
|  | <b>Item no.: 2000-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A            | 2000-410 |
|  | <b>Item no.: 2000-410/000-005</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A    | 2000-410 |

|                                                                                    |                                                                                                                                                                                                     |                      |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2000-410/000-006</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 14 A                                                                                               | 2000-410<br>/000-006 |
|    | <b>Item no.: 2000-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A                                                                                                  | 2000-433             |
|    | <b>Item no.: 2000-433/000-005</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A                                                                                          | 2000-433<br>/000-005 |
|    | <b>Item no.: 2000-433/000-006</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A                                                                                          | 2000-433<br>/000-006 |
|    | <b>Item no.: 2000-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 14 A                                                                                                  | 2000-434             |
|    | <b>Item no.: 2000-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A                                                                                                  | 2000-435             |
|    | <b>Item no.: 2000-436</b><br>Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A                                                                                                  | 2000-436             |
|    | <b>Item no.: 2000-437</b><br>Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A                                                                                                  | 2000-437             |
|   | <b>Item no.: 2000-438</b><br>Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A                                                                                                  | 2000-438             |
|  | <b>Item no.: 2000-439</b><br>Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A                                                                                                  | 2000-439             |
|  | <b>Item no.: 2000-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A                                                                                                 | 2000-440             |
|   | <b>Item no.: 2000-492</b><br>Double-deck vertical jumper; insulated                                                                                                                                 | 2000-492             |
|  | <b>Item no.: 2009-402</b><br>Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks  | 2009-402             |
|  | <b>Item no.: 2009-404</b><br>Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks | 2009-404             |
|  | <b>Item no.: 2009-406</b><br>Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 Series rail-mounted terminal blocks | 2009-406             |
|  | <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              |



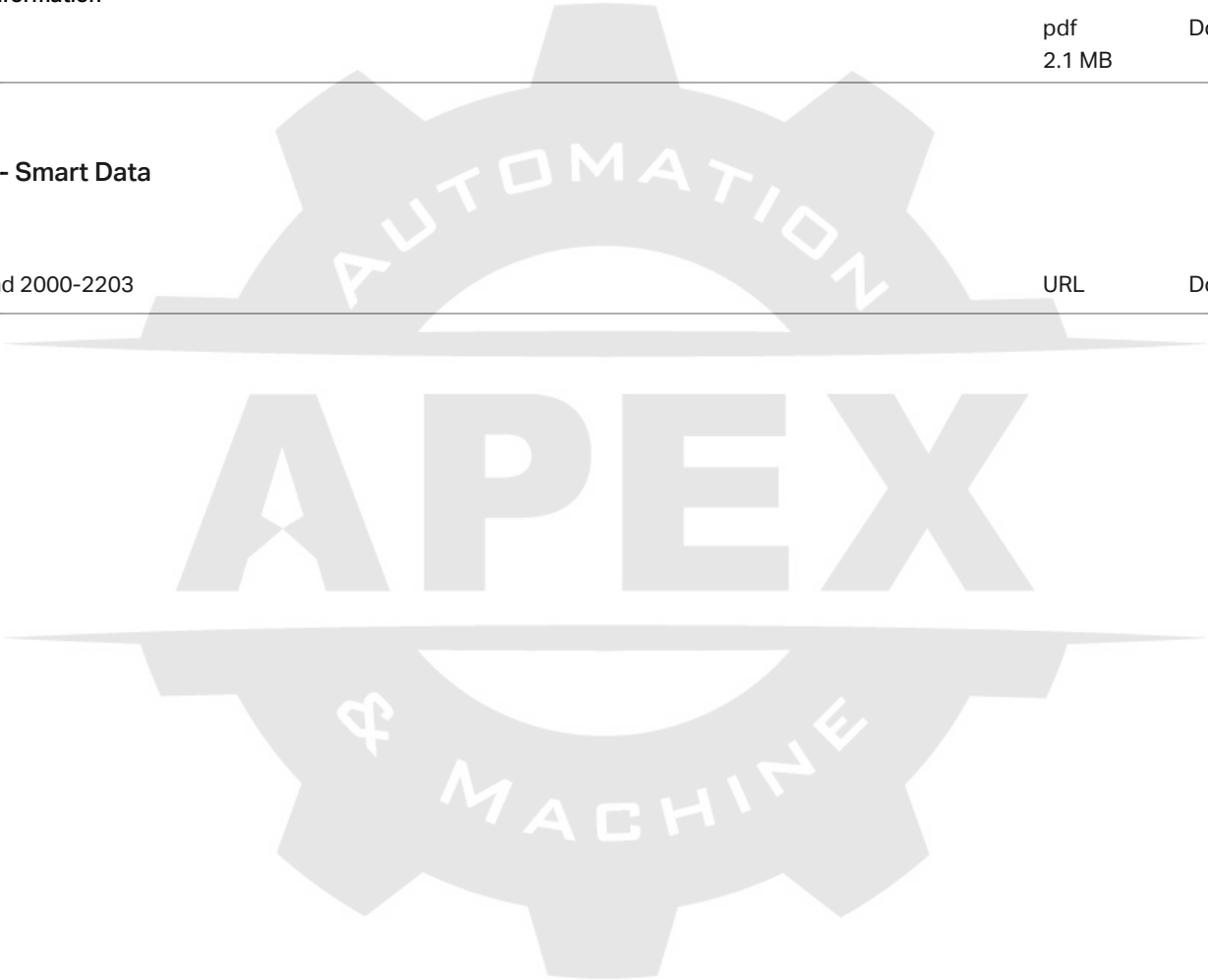
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| Additional Information | pdf<br>2.1 MB | Download |
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CAD data

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Subject to changes.