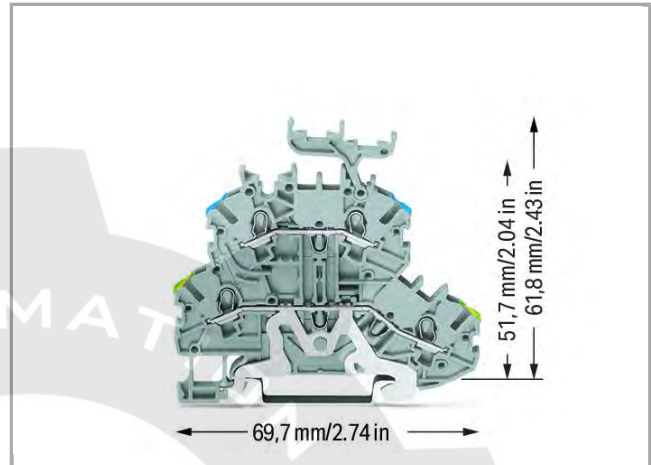
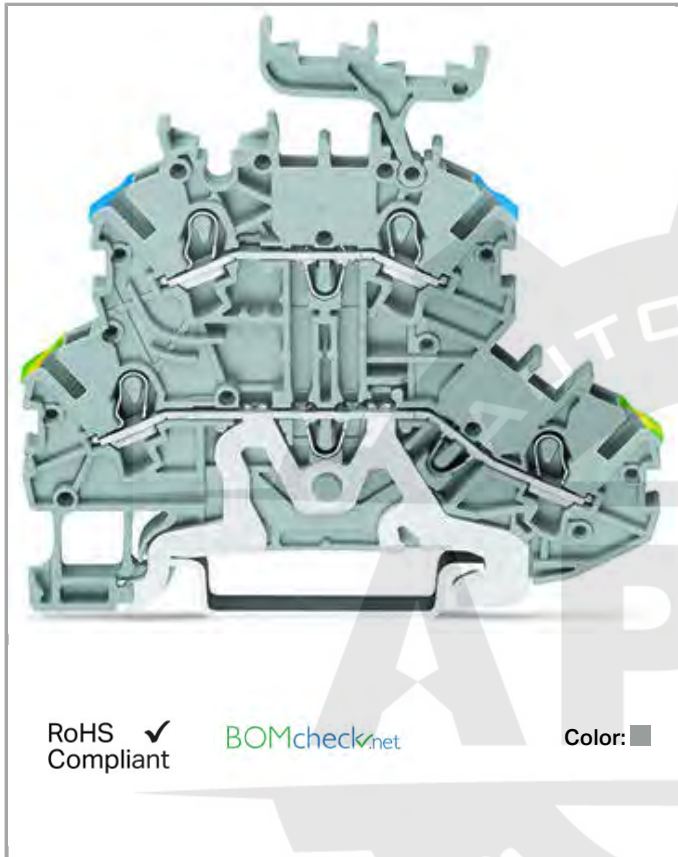


Data sheet | Item number: 2000-2247

Double-deck terminal block; Ground conductor/through terminal block; PE /N; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; 1 mm²; Push-in CAGE CLAMP®



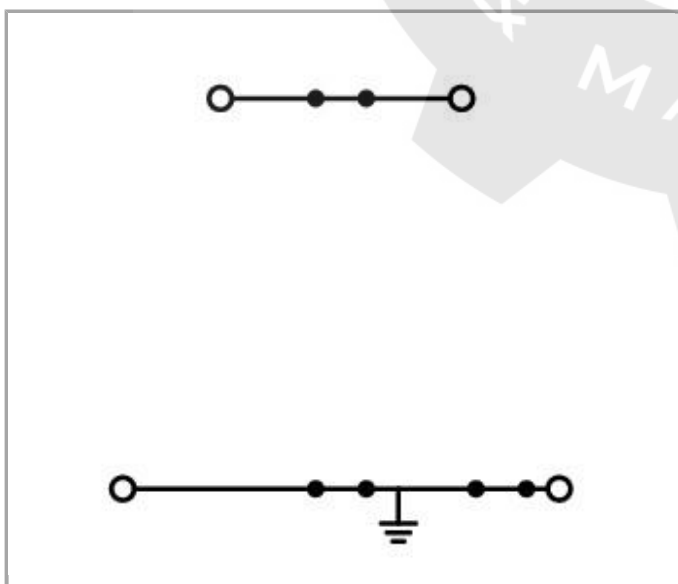
2000-2247



RoHS Compliant

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

Connection data

Connection technology	Push-in CAGE CLAMP®
Number of connection points (connection type)	2
Actuation type	Push-in 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	61.8 mm / 2.433 inch
Depth	69.7 mm / 2.744 inch

Mechanical data

Design	horizontal
--------	------------

Type of mounting	DIN-35 rail
Potential marking	PE/N
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.152 MJ
Weight	9.7 g

Commercial data

Product Group	22 (TOPJOB S)
Country of origin	CN
GTIN	4055143274098
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

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

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	71-102841
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7671
	CCA DEKRA Certification B.V.		2192406.01



CCA
 DEKRA Certification B.V.

NTR NL
 7518

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172 sec.55

Compatible products

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.: 2000-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2000-115

check



Item no.: 2000-510
TOPJOB®S L-type test plug module; modular; for jumper contact slot

2000-510



Item no.: 2000-511
TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole

2000-511



Item no.: 2000-549
Spacer module; modular; e.g., for bridging commoned terminal blocks

2000-549



Item no.: 2000-552
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole

2000-552



Item no.: 2000-553
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole

2000-553



Item no.: 2000-554
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole

2000-554



Item no.: 2000-555
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole

2000-555



Item no.: 2000-556
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole

2000-556



Item no.: 2000-557
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole

2000-557



Item no.: 2000-558
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole

2000-558



Item no.: 2000-559
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole

2000-559



Item no.: 2000-560
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole

2000-560



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



Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable

210-136



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable

210-137

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

Item no.: 216-242



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

**Item no.: 216-243**

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

End plate**Item no.: 2000-2291**

End and intermediate plate; 0.7 mm thick

2291

2000-

**Item no.: 2000-2292**

End and intermediate plate; 0.7 mm thick

2292

2000-

Marking accessories**Item no.: 2009-110**

Marking strips; on reel; not stretchable; plain; snap-on type

2009-110

**Item no.: 2009-113**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

**Item no.: 2009-113/000-002**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-002

2009-113

**Item no.: 2009-113/000-005**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-005

2009-113

**Item no.: 2009-113/000-006**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-006

2009-113

**Item no.: 2009-113/000-007**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-007

2009-113

**Item no.: 2009-113/000-012**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-012

2009-113

**Item no.: 2009-113/000-017**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-017

2009-113

**Item no.: 2009-113/000-023**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-023

2009-113

**Item no.: 2009-113/000-024**

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-024

2009-113

**Item no.: 793-3501**

WMB marking card; as card; plain; snap-on type

793-3501

General accessories



Item no.: 2000-121
Adaptor

2000-121

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

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



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

2000-402



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

2000-402



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



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

2000-403



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



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

2000-404



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

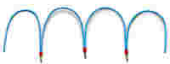
2000-405



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

2000-405

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

	Item no.: 2000-410/000-005 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	2000-410
	Item no.: 2000-410/000-006 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	2000-410
	Item no.: 2000-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-433/000-005 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-433/000-006 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	2000-433
	Item no.: 2000-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 14 A	2000-434
	Item no.: 2000-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A	2000-435
	Item no.: 2000-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A	2000-436
	Item no.: 2000-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A	2000-437
	Item no.: 2000-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A	2000-438
	Item no.: 2000-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A	2000-439
	Item no.: 2000-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A	2000-440
	Item no.: 2000-492 Double-deck vertical jumper; insulated	2000-492
	Item no.: 2009-402 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm ² ; suitable for 2000 and 2020 Series rail-mounted terminal blocks	2009-402
	Item no.: 2009-404 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm ² ; suitable for 2000 and 2020 Series rail-mounted terminal blocks	2009-404
	Item no.: 2009-406 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm ² ; suitable for 2000 and 2020 Series rail-mounted terminal blocks	2009-406
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections	210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	210-123



Downloads
Documentation

Bid Text

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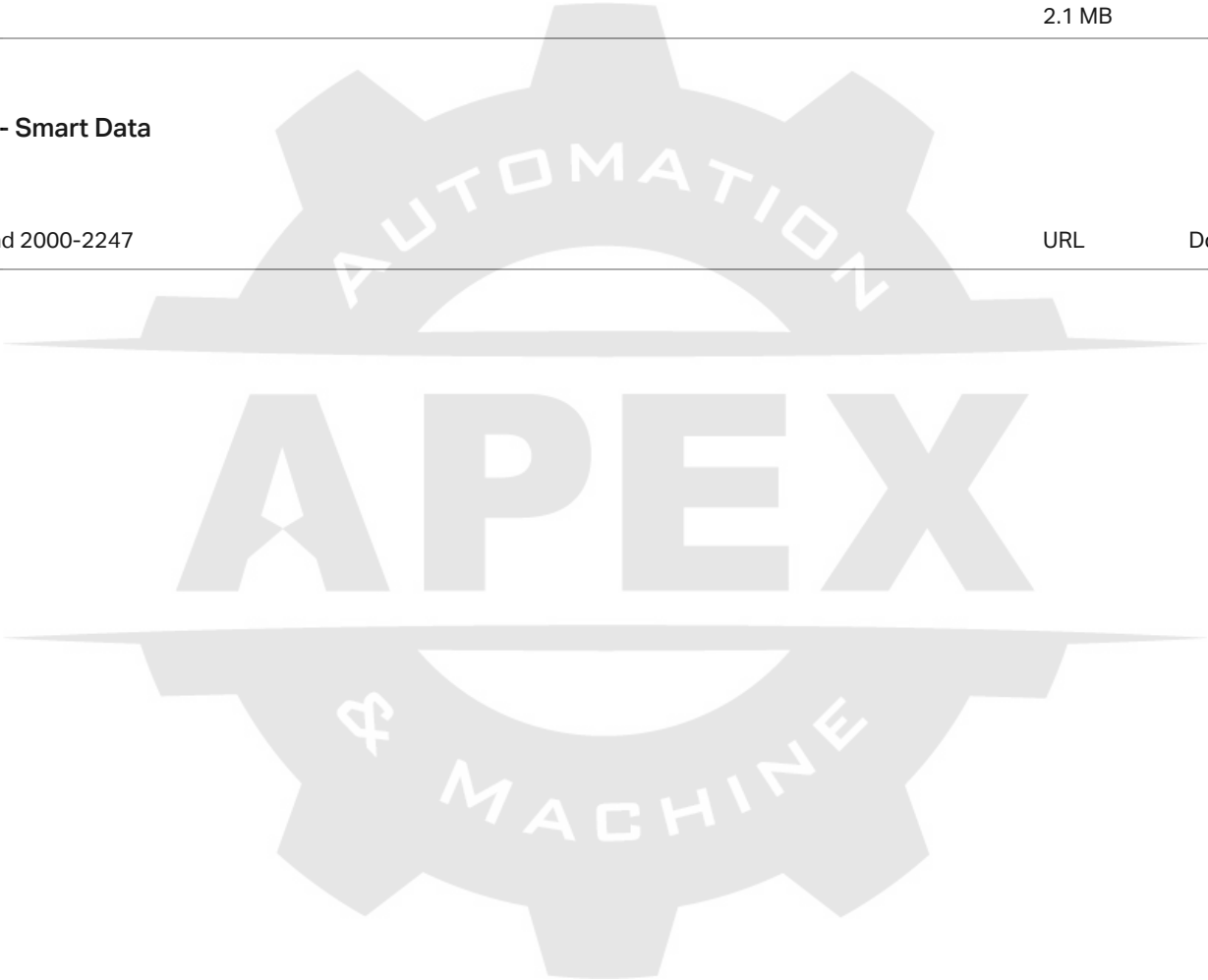
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CAD/CAE - Smart Data

CAD data

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Subject to changes.