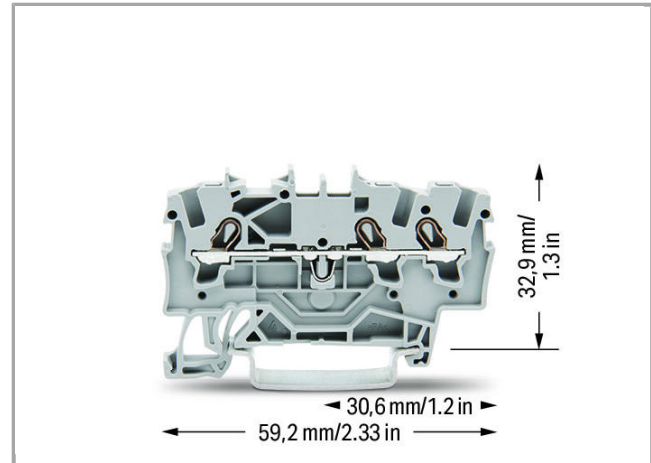
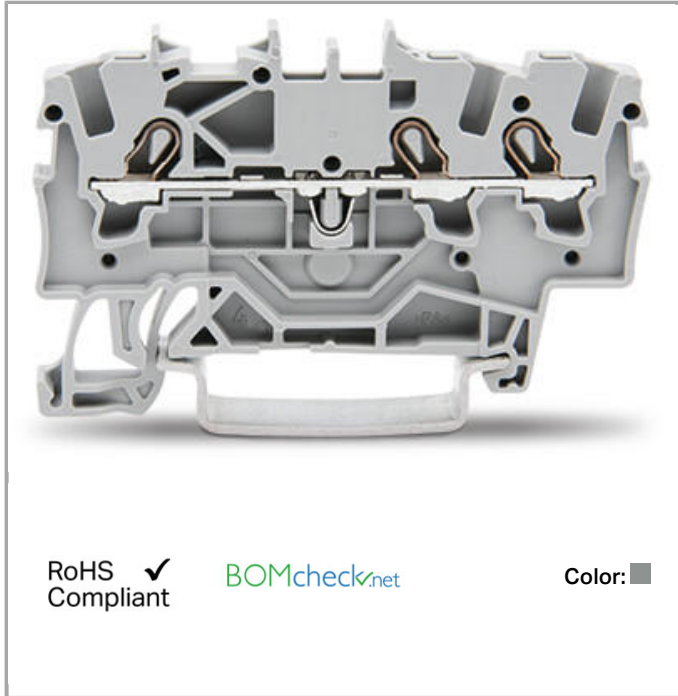


Data sheet | Item number: 2001-1301

3-conductor through terminal block; 1.5 mm²; 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®



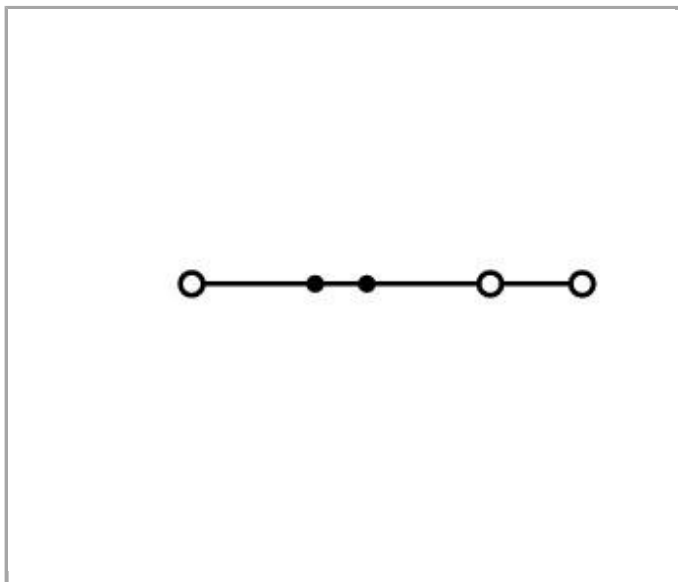
2001-1301



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 Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	1.5 mm ²
Solid conductor	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Solid conductor, push-in termination	0.75 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm ² / 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	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0 MJ
Weight	4.867 g

Commercial data

Product Group	22 (TOPJOB S)
Country of origin	DE
GTIN	4017332998628
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 sec.12
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 05 ATEX 1094 U (II 2 G Ex e II bzw. I M 2 Ex e I)
	IECEx Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEx PTB 11.0093U (Ex e IIC Gb or Ex e I Mb)

Country specific Approvals

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

UL-Approvals

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

Compatible products

Marking accessories

	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type	2009-110
	Item no.: 2009-114	

	WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type		2009-114
	Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-002	2009-114
	Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-005	2009-114
	Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-006	2009-114
	Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-007	2009-114
	Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-012	2009-114
	Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-023	2009-114
	Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type	/000-024	2009-114
	Item no.: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type		793-4501
	Item no.: 793-4501/000-002 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type	/000-002	793-4501
	Item no.: 793-4501/000-005 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type	/000-005	793-4501
	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

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

**Item no.: 216-244**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

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
	Item no.: 2001-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 18 A	2001-437
	Item no.: 2001-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 18 A	2001-438
	Item no.: 2001-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 18 A	2001-439
	Item no.: 2001-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A	2001-440

**Item no.: 2006-499**

2006-499

Step-down jumper; insulated; from 6/4 mm² to 4/2.5/1.5 mm²; Nominal current 32 A**Item no.: 2009-412**

2009-412

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks**Item no.: 2009-414**

2009-414

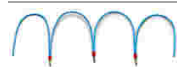
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks**Item no.: 2009-416**

2009-416

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks**Item no.: 210-103**

210-103

Wire commoning chain; insulated; 50 connections

**Item no.: 210-123**

210-123

Wire commoning chain; insulated; 50 connections

check**Item no.: 2001-511**

2001-511

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole

**Item no.: 2001-549**

2001-549

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

**Item no.: 2001-552**

2001-552

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole

**Item no.: 2001-553**

2001-553

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole

**Item no.: 2001-554**

2001-554

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole

**Item no.: 2001-555**

2001-555

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole

**Item no.: 2001-556**

2001-556

Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole

**Item no.: 2001-557**

2001-557

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole

**Item no.: 2001-558**

2001-558

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole

**Item no.: 2001-559**

2001-559

Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole

**Item no.: 2001-560**

2001-560

Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole

**Item no.: 2009-174**

2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks

**Item no.: 2009-182**

2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm

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

Protective Warning Marker

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

	Item no.: 2001-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	2001-171
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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

Downloads
Documentation

Bid Text				
2001-1301	Apr 4, 2012	docx	Download	
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.