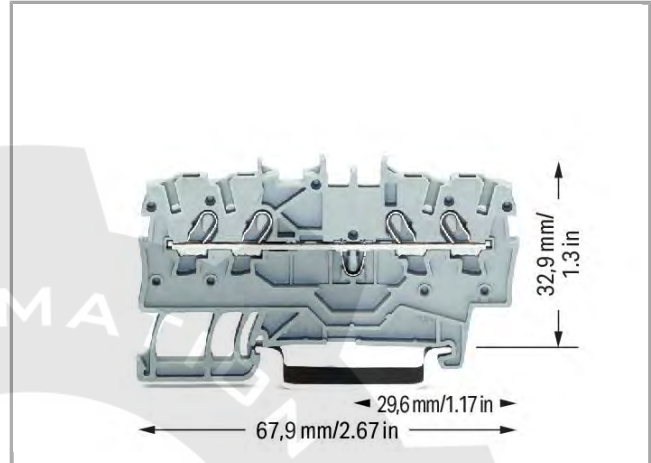
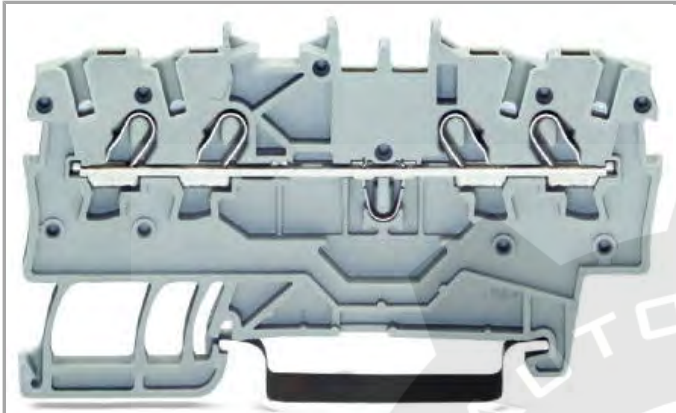


Data sheet | Item number: 2000-1401

4-conductor through terminal block; 1 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®



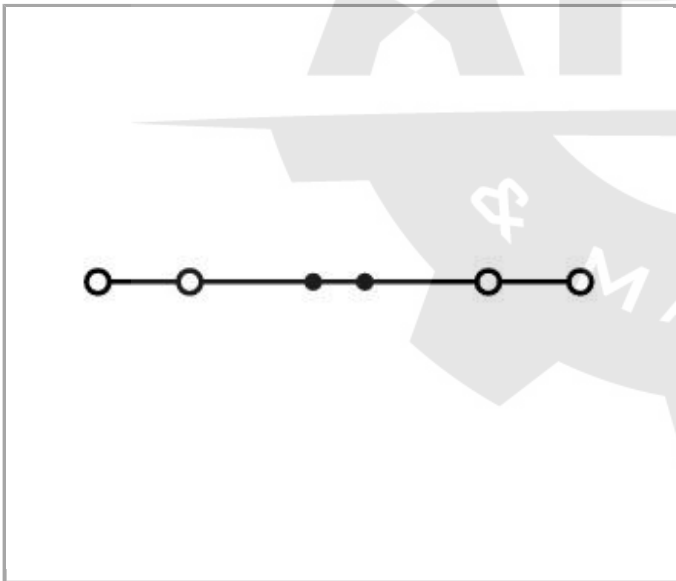
2000-1401



RoHS ☒
Compliant

[BOMcheck.net](#)

Color: ☐



Data

Electrical data

Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	13 A
Rated current (Ex e II) with jumper	12 A

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	13.5 A
Rated current (2)	18 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)	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®
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
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	3.5 mm / 0.138 inch
Height from upper-edge of DIN-35 rail	32.9 mm / 1.295 inch
Depth	67.9 mm / 2.673 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	0.107 MJ
Weight	5.14 g

Commercial data

Product Group	22 (TOPJOB S)
Country of origin	CN
GTIN	4045454966928
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
	CSA DEKRA Certification B.V.	C22.2 No. 158	2130762

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	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 sec.55

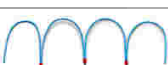
Compatible products

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	/0000-018	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	/0000-005	2000-403
	Item no.: 2000-403/000-006 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	/0000-006	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	/0000-005	2000-404
	Item no.: 2000-404/000-006 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	/0000-006	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	/0000-005	2000-405
	Item no.: 2000-405/000-006 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	/0000-006	2000-405
	Item no.: 2000-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	/0111-000	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	/0000-005	2000-406
	Item no.: 2000-406/000-006 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	/0000-006	2000-406
	Item no.: 2000-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block	/0200-000	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	2000-407
	Item no.: 2000-407/000-006 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	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	2000-408
	Item no.: 2000-408/000-006 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	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	2000-409
	Item no.: 2000-409/000-006 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	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.: 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
ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 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 ² / 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 ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243
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
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	2009-113 /000-002
	Item no.: 2009-113/000-005 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-005
	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-006
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-007
	Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-012
	Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-017
	Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-023
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113 /000-024
	Item no.: 2009-191 Group marker carrier	2009-191
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type	793-3501
Protective Warning Marker		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2000-115
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

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

End plate



Item no.: 2000-1491
End and intermediate plate; 0.7 mm thick

1491

2000-



Item no.: 2000-1492
End and intermediate plate; 0.7 mm thick

1492

2000-



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

209-191

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