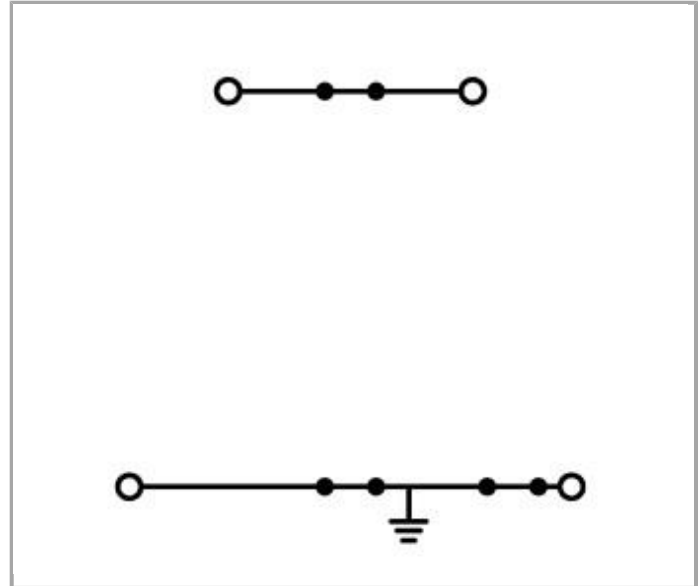
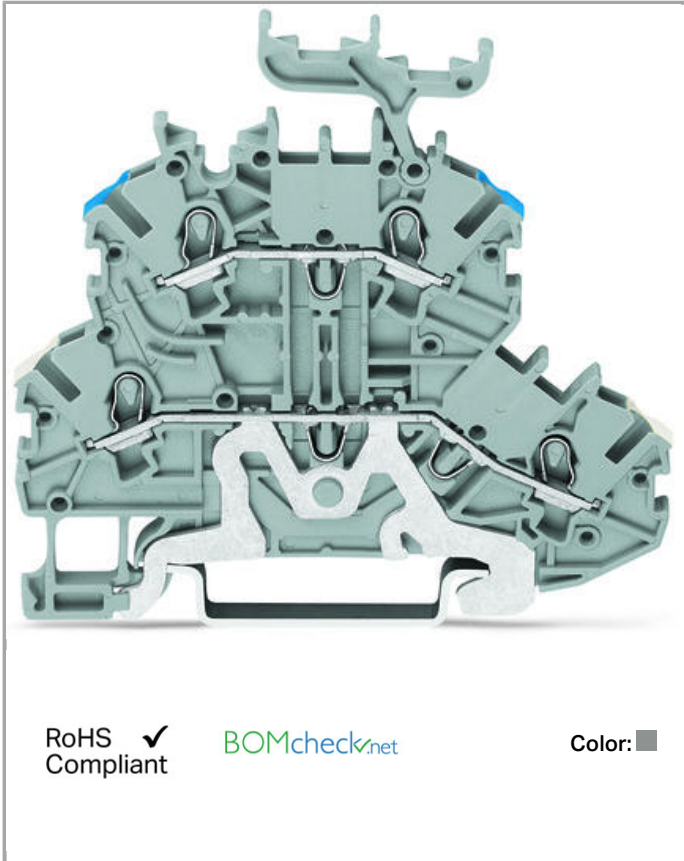


Data sheet | Item number: 2000-2228

Double-deck terminal block; Shield/through terminal block; Shield/L; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; 1 mm²; Push-in CAGE CLAMP®



www.wago.com/2000-2228



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	16 A
Rated current (2)	18 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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 Operating tool
Connectable conductor materials	Copper
Nominal cross section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.5 mm ² / 20 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 Inch
Number of connection points	2
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	Schirm/L
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.142 MJ

Weight	9.458 g
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Commercial data






Country of origin	DE
GTIN	4050821037132
Customs Tariff No.	85369010000
Product Group	22 (TOPJOB S)

Approvals / Certificates


Ex-Approvals

Logo	Approval	Certificate name
	AEx Underwriters Laboratories Inc.	E185892

Country specific Approvals
















Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2192406.01
	CCA DEKRA Certification B.V.	NTR NL 7518
	CCA DEKRA Certification B.V.	71-102841
	CCA DEKRA Certification B.V.	NTR NL 7671
	CSA DEKRA Certification B.V.	2130762

















UL-Approvals



















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

















Compatible products



















Jumper

	Item no.: 2000-402 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	www.wago.com/2000-402
	Item no.: 2000-402/000-005 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	www.wago.com/2000-402/000-005
	Item no.: 2000-402/000-006 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	www.wago.com/2000-402/000-006
	Item no.: 2000-402/000-018 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A	www.wago.com/2000-402/000-018
	Item no.: 2000-403 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	www.wago.com/2000-403
	Item no.: 2000-403/000-005 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	www.wago.com/2000-403/000-005
	Item no.: 2000-403/000-006 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A	www.wago.com/2000-403/000-006
	Item no.: 2000-404 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	www.wago.com/2000-404
	Item no.: 2000-404/000-005 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	www.wago.com/2000-404/000-005
	Item no.: 2000-404/000-006 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A	www.wago.com/2000-404/000-006
	Item no.: 2000-405 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	www.wago.com/2000-405
	Item no.: 2000-405/000-005 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	www.wago.com/2000-405/000-005
	Item no.: 2000-405/000-006 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A	www.wago.com/2000-405/000-006
	Item no.: 2000-405/011-000 Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block	www.wago.com/2000-405/011-000
	Item no.: 2000-406 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	www.wago.com/2000-406

	Item no.: 2000-406/000-005 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	www.wago.com/2000-406/000-005
	Item no.: 2000-406/000-006 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A	www.wago.com/2000-406/000-006
	Item no.: 2000-406/020-000 Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block	www.wago.com/2000-406/020-000
	Item no.: 2000-407 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	www.wago.com/2000-407
	Item no.: 2000-407/000-005 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	www.wago.com/2000-407/000-005
	Item no.: 2000-407/000-006 Push-in type jumper bar; insulated; 7-way; Nominal current 14 A	www.wago.com/2000-407/000-006
	Item no.: 2000-408 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	www.wago.com/2000-408
	Item no.: 2000-408/000-005 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	www.wago.com/2000-408/000-005
	Item no.: 2000-408/000-006 Push-in type jumper bar; insulated; 8-way; Nominal current 14 A	www.wago.com/2000-408/000-006
	Item no.: 2000-409 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	www.wago.com/2000-409
	Item no.: 2000-409/000-005 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	www.wago.com/2000-409/000-005
	Item no.: 2000-409/000-006 Push-in type jumper bar; insulated; 9-way; Nominal current 14 A	www.wago.com/2000-409/000-006
	Item no.: 2000-410 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	www.wago.com/2000-410
	Item no.: 2000-410/000-005 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	www.wago.com/2000-410/000-005
	Item no.: 2000-410/000-006 Push-in type jumper bar; insulated; 10-way; Nominal current 14 A	www.wago.com/2000-410/000-006
	Item no.: 2000-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	www.wago.com/2000-433

	Item no.: 2000-433/000-005 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	www.wago.com/2000-433/000-005
	Item no.: 2000-433/000-006 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A	www.wago.com/2000-433/000-006
	Item no.: 2000-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 14 A	www.wago.com/2000-434
	Item no.: 2000-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A	www.wago.com/2000-435
	Item no.: 2000-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A	www.wago.com/2000-436
	Item no.: 2000-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A	www.wago.com/2000-437
	Item no.: 2000-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A	www.wago.com/2000-438
	Item no.: 2000-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A	www.wago.com/2000-439
	Item no.: 2000-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A	www.wago.com/2000-440
	Item no.: 2000-492 Double-deck vertical jumper; insulated	www.wago.com/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	www.wago.com/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	www.wago.com/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	www.wago.com/2009-406
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections	www.wago.com/210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	www.wago.com/210-123
Marking accessories		
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type	www.wago.com/2009-110
	Item no.: 2009-113 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113
	Item no.: 2009-113/000-002 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-002

	Item no.: 2009-113/000-005 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-005
	Item no.: 2009-113/000-006 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-006
	Item no.: 2009-113/000-007 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-007
	Item no.: 2009-113/000-012 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-012
	Item no.: 2009-113/000-017 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-017
	Item no.: 2009-113/000-023 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-023
	Item no.: 2009-113/000-024 WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	www.wago.com/2009-113/000-024
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type	www.wago.com/793-3501
Protective Warning Marker		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	www.wago.com/2000-115
check		
	Item no.: 2000-510 TOPJOB®S L-type test plug module; modular; for jumper contact slot	www.wago.com/2000-510
	Item no.: 2000-511 TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole	www.wago.com/2000-511
	Item no.: 2000-549 Spacer module; modular; e.g., for bridging commoned terminal blocks	www.wago.com/2000-549
	Item no.: 2000-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole	www.wago.com/2000-552
	Item no.: 2000-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole	www.wago.com/2000-553
	Item no.: 2000-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole	www.wago.com/2000-554
	Item no.: 2000-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole	www.wago.com/2000-555

	Item no.: 2000-556 Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole	www.wago.com/2000-556
	Item no.: 2000-557 Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole	www.wago.com/2000-557
	Item no.: 2000-558 Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole	www.wago.com/2000-558
	Item no.: 2000-559 Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole	www.wago.com/2000-559
	Item no.: 2000-560 Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole	www.wago.com/2000-560
	Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks	www.wago.com/2009-174
	Item no.: 2009-182 Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm	www.wago.com/2009-182
	Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable	www.wago.com/210-136
	Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable	www.wago.com/210-137
tools		
	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	www.wago.com/210-647
	Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled	www.wago.com/210-648
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	www.wago.com/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	www.wago.com/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	www.wago.com/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	www.wago.com/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	www.wago.com/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	www.wago.com/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	www.wago.com/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

www.wago.com/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

www.wago.com/210-198

End plate



Item no.: 2000-2291
End and intermediate plate; 0.7 mm thick

www.wago.com/2000-2291



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

www.wago.com/2000-2292

General accessories



Item no.: 2000-121
Adaptor

www.wago.com/2000-121

ferrule



Item no.: 216-241
Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/216-241



Item no.: 216-242
Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/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

www.wago.com/216-243

Downloads

Documentation

Bid Text

2000-2228	Aug 13, 2018	DOCX 15.0 kB	Download
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smartDATA

CAD data

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Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

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Subject to changes.