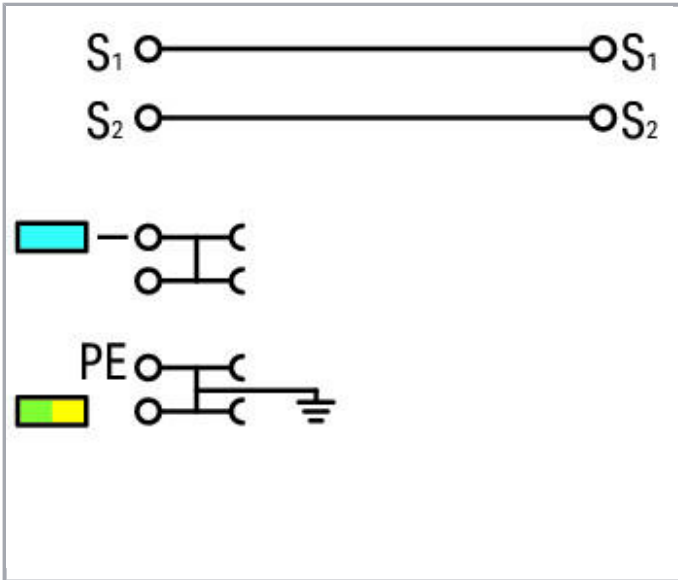
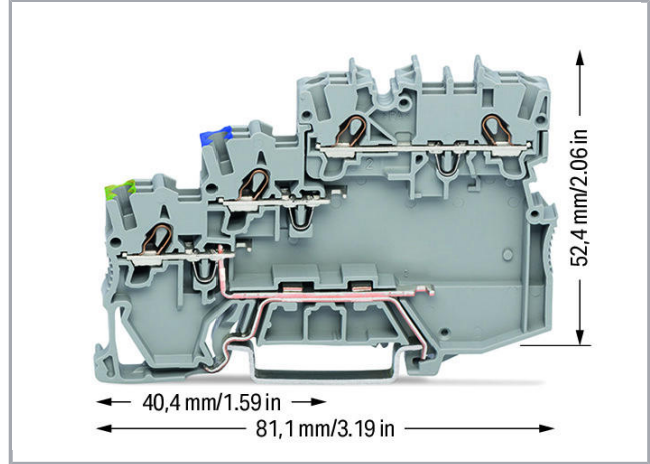
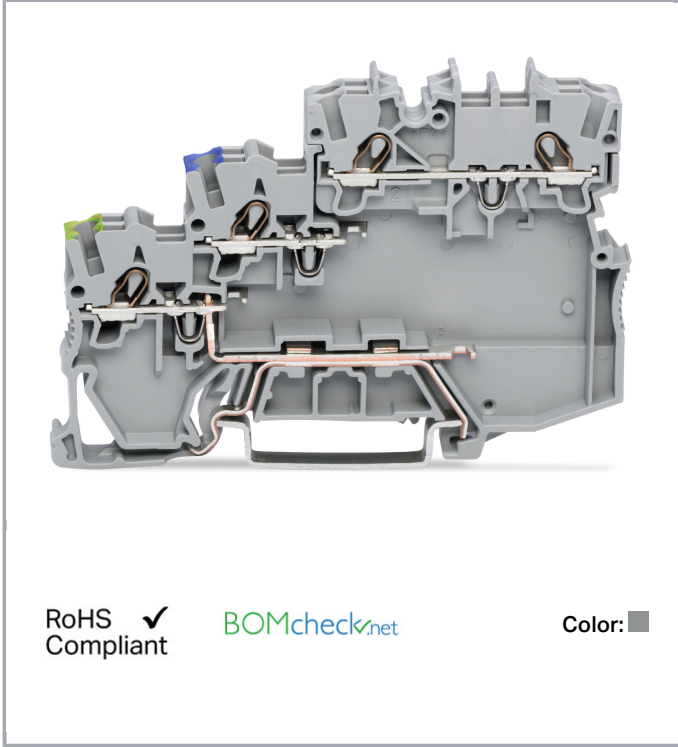


Data sheet | Item number: 2000-5317/102-000

3-conductor actuator supply terminal block; for PNP-(high-side) switching actuators; with ground contact; with colored conductor entries; 1 mm²; Push-in CAGE CLAMP®; 1,00 mm²; gray



www.wago.com/2000-5317/102-000



Subject to changes. Please also observe the further product documentation!

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Phone: +49571 887-0 | Fax: +49571 887-169
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

The double spacing per pole of this terminal block series maximizes connectivity. For example, ten sensors may be connected using only five sensor terminal blocks plus a power supply terminal block.

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	13.5 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1059

Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	15 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group C)	300 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 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 with plastic collar	0,5 ... 0,75 mm ² / 20 ... 18 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0,5 ... 0,75 mm ² / 20 ... 18 AWG

Subject to changes. Please also observe the further product documentation!



Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Total number of connection points	8
Total number of potentials	4
Type of wiring	Front-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.

Geometrical Data

Width	7 mm / 0.276 inch
Height from upper-edge of DIN-35 rail	52,4 mm / 2.063 inch
Depth	81,1 mm / 3.193 inch

Mechanical data

Design	horizontal type
Type of mounting	DIN-35 rail
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Weight	17.4 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143408165
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

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

Subject to changes. Please also observe the further product documentation!




CSA
DEKRA Certification B.V.

C22.2 No. 158

2130762



UL-Approvals

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


Counterpart

Compatible products










tools

	Item no.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-647
	Item no.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	www.wago.com/210-648
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719

Jumper

	Item no.: 2000-402 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A; light gray	www.wago.com/2000-402
	Item no.: 2000-402/000-005 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A; red	www.wago.com/2000-402/000-005

Subject to changes. Please also observe the further product documentation!

	Item no.: 2000-402/000-006 Push-in type jumper bar; insulated; 2-way; Nominal current 14 A; blue	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; yellow-green	www.wago.com/2000-402/000-018
	Item no.: 2000-403 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A; light gray	www.wago.com/2000-403
	Item no.: 2000-403/000-005 Push-in type jumper bar; insulated; 3-way; Nominal current 14 A; red	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; blue	www.wago.com/2000-403/000-006
	Item no.: 2000-404 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A; light gray	www.wago.com/2000-404
	Item no.: 2000-404/000-005 Push-in type jumper bar; insulated; 4-way; Nominal current 14 A; red	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; blue	www.wago.com/2000-404/000-006
	Item no.: 2000-405 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A; light gray	www.wago.com/2000-405
	Item no.: 2000-405/000-005 Push-in type jumper bar; insulated; 5-way; Nominal current 14 A; red	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; blue	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; light gray	www.wago.com/2000-405/011-000
	Item no.: 2000-406 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A; light gray	www.wago.com/2000-406
	Item no.: 2000-406/000-005 Push-in type jumper bar; insulated; 6-way; Nominal current 14 A; red	www.wago.com/2000-406/000-005

Subject to changes. Please also observe the further product documentation!



Item no.: 2000-406/000-006
Push-in type jumper bar; insulated; 6-way; Nominal current 14 A; blue

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; light gray

www.wago.com/2000-406/020-000

Item no.: 2000-407
Push-in type jumper bar; insulated; 7-way; Nominal current 14 A; light gray

www.wago.com/2000-407

Item no.: 2000-407/000-005
Push-in type jumper bar; insulated; 7-way; Nominal current 14 A; red

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; blue

www.wago.com/2000-407/000-006

Item no.: 2000-408
Push-in type jumper bar; insulated; 8-way; Nominal current 14 A; light gray

www.wago.com/2000-408

Item no.: 2000-408/000-005
Push-in type jumper bar; insulated; 8-way; Nominal current 14 A; red

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; blue

www.wago.com/2000-408/000-006

Item no.: 2000-409
Push-in type jumper bar; insulated; 9-way; Nominal current 14 A; light gray

www.wago.com/2000-409

Item no.: 2000-409/000-005
Push-in type jumper bar; insulated; 9-way; Nominal current 14 A; red

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; blue

www.wago.com/2000-409/000-006



Item no.: 2000-410
Push-in type jumper bar; insulated; 10-way; Nominal current 14 A; light gray

www.wago.com/2000-410

Item no.: 2000-410/000-005
Push-in type jumper bar; insulated; 10-way; Nominal current 14 A; red

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; blue

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; light gray

www.wago.com/2000-433













Subject to changes. Please also observe the further product documentation!

	Item no.: 2000-433/000-005 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 14 A; red	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; blue	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; light gray	www.wago.com/2000-434
	Item no.: 2000-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 14 A; light gray	www.wago.com/2000-435
	Item no.: 2000-436 Push-in type jumper bar; insulated; from 1 to 6; Nominal current 14 A; light gray	www.wago.com/2000-436
	Item no.: 2000-437 Push-in type jumper bar; insulated; from 1 to 7; Nominal current 14 A; light gray	www.wago.com/2000-437
	Item no.: 2000-438 Push-in type jumper bar; insulated; from 1 to 8; Nominal current 14 A; light gray	www.wago.com/2000-438
	Item no.: 2000-439 Push-in type jumper bar; insulated; from 1 to 9; Nominal current 14 A; light gray	www.wago.com/2000-439
	Item no.: 2000-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 14 A; light gray	www.wago.com/2000-440
	Item no.: 210-103 Wire commoning chain; insulated; 50 connections; black	www.wago.com/210-103
	Item no.: 210-123 Wire commoning chain; insulated; 50 connections	www.wago.com/210-123
Protective Warning Marker		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/2000-115
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

Subject to changes. Please also observe the further product documentation!

	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; silver-colored	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; copper-colored	www.wago.com/210-198
Push-In type wire jumper		
	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; gray	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; gray	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; gray	www.wago.com/2009-406
Marking accessories		
	Item no.: 2000-121 Adaptor	www.wago.com/2000-121
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	Item no.: 2009-113 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white	www.wago.com/2009-113
	Item no.: 2009-113/000-002 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow	www.wago.com/2009-113/000-002
	Item no.: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	www.wago.com/2009-113/000-005
	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	www.wago.com/2009-113/000-006
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	www.wago.com/2009-113/000-007
	Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	www.wago.com/2009-113/000-012

Subject to changes. Please also observe the further product documentation!

	<p>Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green</p>	www.wago.com/2009-113/000-017
	<p>Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green</p>	www.wago.com/2009-113/000-023
	<p>Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet</p>	www.wago.com/2009-113/000-024
	<p>Item no.: 2009-191 Group marker carrier</p>	www.wago.com/2009-191
	<p>Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white</p>	www.wago.com/793-3501
Test Accessories		
	<p>Item no.: 2000-510 TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1,00 mm²; gray</p>	www.wago.com/2000-510
	<p>Item no.: 2000-552 Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 1,00 mm²; gray</p>	www.wago.com/2000-552
	<p>Item no.: 2000-553 Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 1,00 mm²; gray</p>	www.wago.com/2000-553
	<p>Item no.: 2000-554 Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 1,00 mm²; gray</p>	www.wago.com/2000-554
	<p>Item no.: 2000-555 Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,00 mm²; gray</p>	www.wago.com/2000-555
	<p>Item no.: 2000-556 Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,00 mm²; gray</p>	www.wago.com/2000-556
	<p>Item no.: 2000-557 Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 1,00 mm²; gray</p>	www.wago.com/2000-557
	<p>Item no.: 2000-558 Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 1,00 mm²; gray</p>	www.wago.com/2000-558
	<p>Item no.: 2000-559 Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,00 mm²; gray</p>	www.wago.com/2000-559
	<p>Item no.: 2000-560 Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 1,00 mm²; gray</p>	www.wago.com/2000-560
	<p>Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray</p>	www.wago.com/2009-174
	<p>Item no.: 2009-182</p>	

Subject to changes. Please also observe the further product documentation!



Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray www.wago.com/2009-182

Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red www.wago.com/210-136

Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable; yellow www.wago.com/210-137

End plate

Item no.: 2000-5391
End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks; gray www.wago.com/2000-5391

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; white www.wago.com/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; gray 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; red www.wago.com/216-243

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2000-5317/102-000	URL	Download
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CAE data

EPLAN Data Portal 2000-5317/102-000	URL	Download
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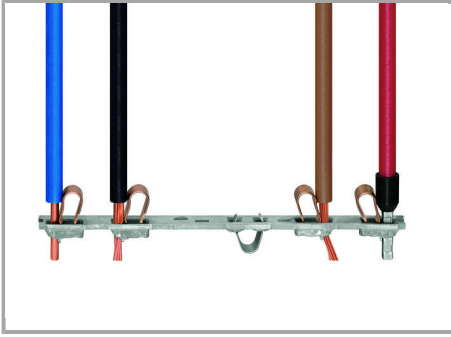
Installation Notes

Inserting a conductor

Subject to changes. Please also observe the further product documentation!

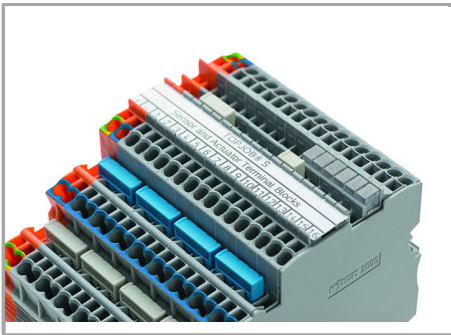
WAGO Kontakttechnik GmbH & Co. KG
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Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

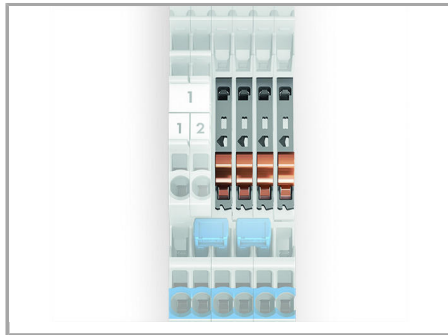


All conductor types at a glance

Jumpered



Commoning (signal level):



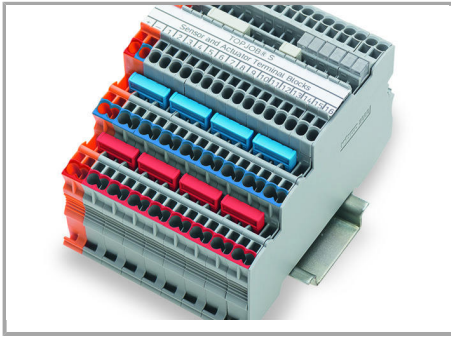
Upper level: two independent signal pathways

Commoning the signal level with push-in type jumper bars (2000 Series). Models with an LED can only be commoned in one jumper slot.

TOPJOB® S Test Plug Adapters can be used in all jumper slots.

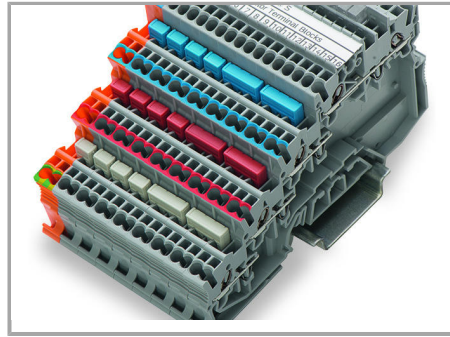
Jumpered

Subject to changes. Please also observe the further product documentation!



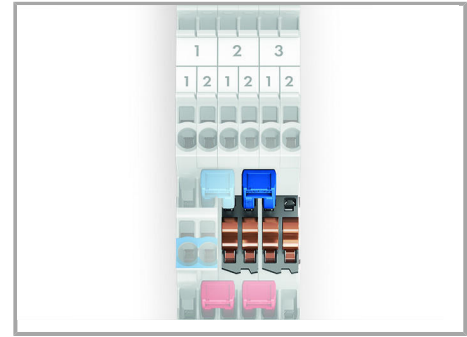
Commoning (potential level):

Commoning potential levels via push-in type jumper bars (2000 Series).



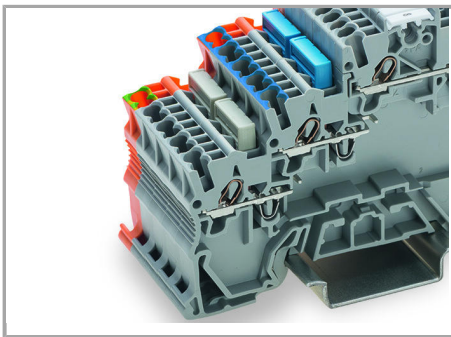
Commoning (potential level):

Continuous commoning in the potential levels via push-in type jumper bars for even pole numbers (2000 Series)



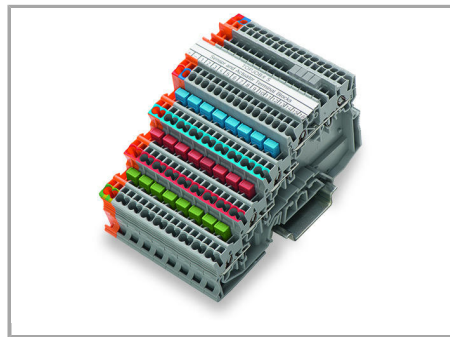
Potential levels: two adjacent commoning options on a current bar

Jumpered



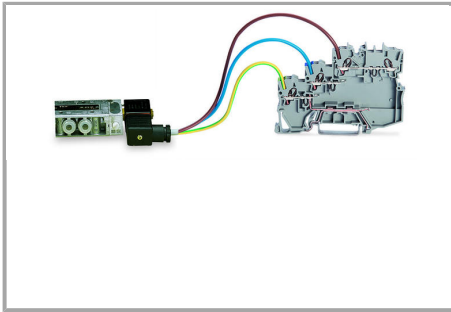
Ground commoning:

For sensor and actuator terminal blocks without ground connection to the DIN-rail, the ground connection can be performed by commoning to the terminal block with a ground foot.



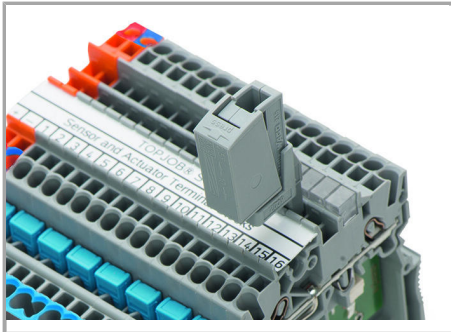
An application example: colored push-in type jumper bars are used with sensor terminal blocks.

Subject to changes. Please also observe the further product documentation!

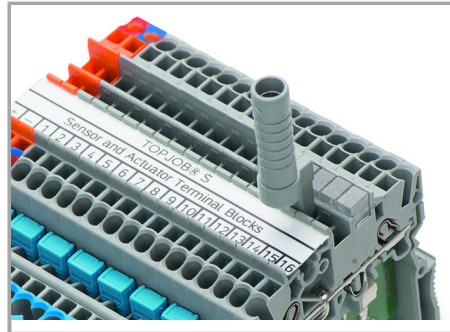


3-conductor actuator LED terminal block with a connected actuator

Testing

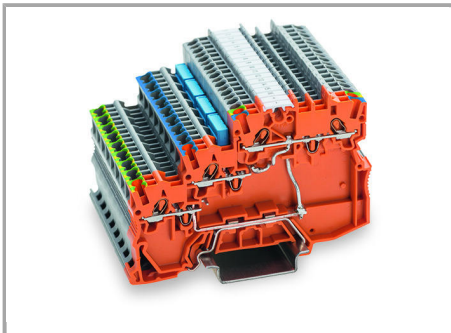


Testing via testing tap (2009-182) (up to max. 42 V).



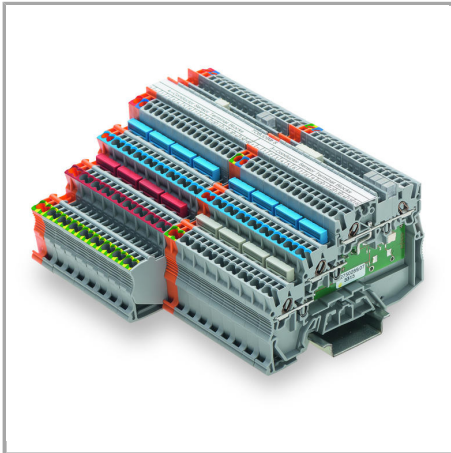
Testing via testing tap (2009-174) (up to max. 42 V).

Application



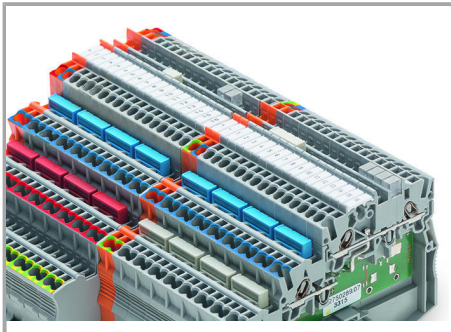
Power supply via orange supply terminal block of same profile from both the cabinet and sensor sides

Subject to changes. Please also observe the further product documentation!



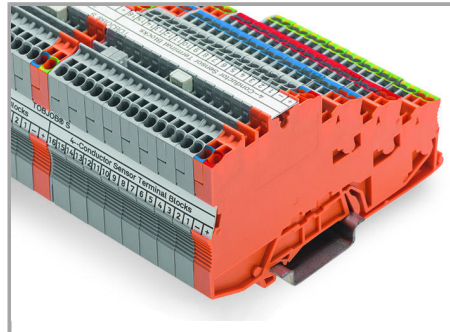
Terminal block assembly with 4-conductor sensor terminal blocks and 3-conductor actuator terminal blocks

Marking



Labeling

Labeling via 3.5 mm WMB markers (793-35xx) from the top or the side – additional marking option via marker carrier.



Labeling

Labeling via marking strips (2009-110) – from the top or the side.

Product family

Subject to changes. Please also observe the further product documentation!



TOPJOB® S

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