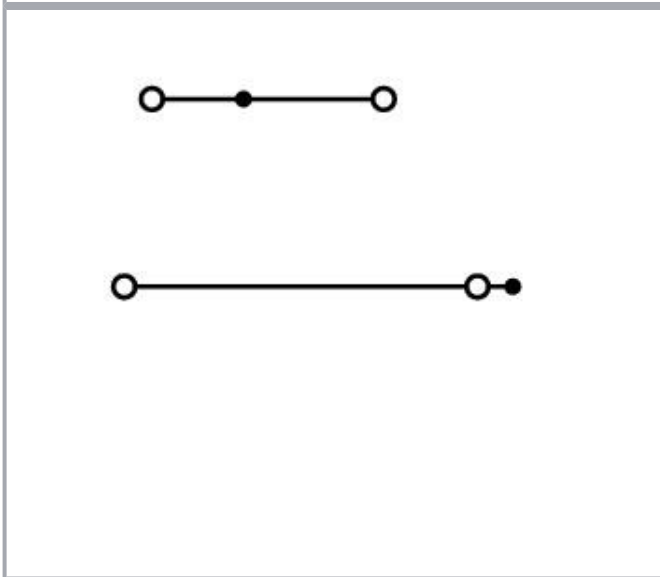
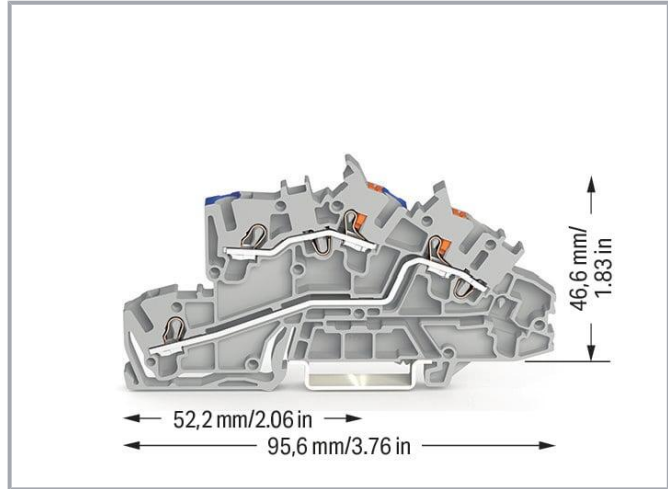
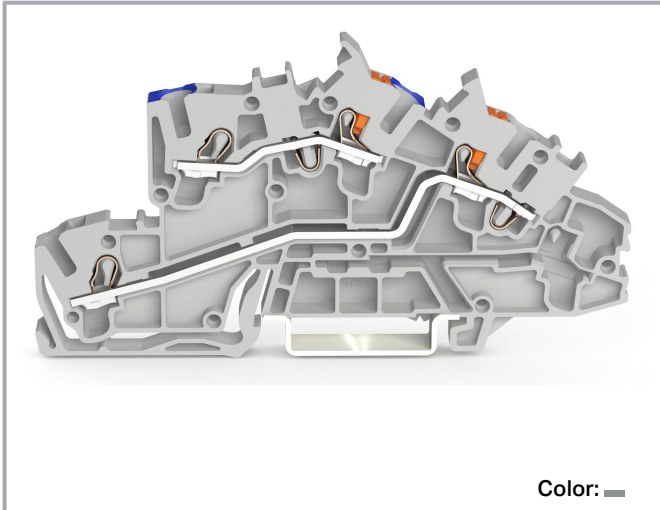


**Data sheet | Item number: 2203-7549**

Multilevel installation terminal block; with operating slots and push-button;  
2.5 mm<sup>2</sup>; N/L; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



[www.wago.com/2203-7549](http://www.wago.com/2203-7549)



**Data**

**Electrical data**

**Ratings per IEC/EN**

Ratings per

IEC/EN 60947-7-1

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

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Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	24 A
Current at conductor cross-section (max.) mm <sup>2</sup>	31 A
Legend (ratings)	(III / 3) Overvoltage category III / Pollution degree 3

### Power loss

Power loss, per pole (potential)	0.766 W
Rated current $I_N$ for specified power loss	24 A
Resistance value for specified, current-dependent power loss	0.001 $\Omega$

### Connection data

Connection points	4
Total number of potentials	2
Number of levels	3

### Connection 1

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm <sup>2</sup>
Solid conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Wiring direction	Front-entry wiring

### Connection 2

Actuation type 2	Push-button
------------------	-------------

### Physical data

Width	5.2 mm / 0.205 inches
-------	-----------------------

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



Height	95.6 mm / 3.764 inches
Depth from upper-edge of DIN-rail	46.6 mm / 1.835 inches

### Mechanical Data

Potential marking	N/L
Mounting type	DIN-35 rail
Marking level	Center/side marking

### Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.313 MJ
Weight	14.1 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

### Commercial data

ETIM 8.0	EC001329
ETIM 7.0	EC001329
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4066966121919
Customs tariff number	85369010000



### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7923
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 122696





## Required accessories

### End plate














	<b>Item no.: 2203-7692</b> End and intermediate plate; 0.8 mm thick; orange	<a href="http://www.wago.com/2203-7692">www.wago.com/2203-7692</a>
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## Optional accessories

### Marking accessories

Marking strip		
	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
Marker carrier		
	<b>Item no.: 2009-198</b> Adaptor; gray	<a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a>
Marker		
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>

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

	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
	<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>

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



**Item no.: 248-501/000-007**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

[www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)



**Item no.: 248-501/000-002**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

[www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)



**Item no.: 248-501/000-012**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)



**Item no.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/248-501](http://www.wago.com/248-501)



**Item no.: 248-501/000-017**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

[www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)



**Item no.: 248-501/000-005**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)



**Item no.: 248-501/000-024**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)



**Item no.: 248-501/000-023**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)



**Item no.: 793-5501/000-007**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)



**Item no.: 793-5501/000-012**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)



**Item no.: 793-5501/000-014**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)

**Item no.: 793-5501/000-017**

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



WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green [www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



**Item no.: 793-5501/000-023**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green [www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



**Item no.: 793-5501/000-024**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet [www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)



**Item no.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red [www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**Item no.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow [www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



**Item no.: 793-5501/000-006**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue [www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)



**Item no.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white [www.wago.com/793-5501](http://www.wago.com/793-5501)



**Item no.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange [www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)



**Item no.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue [www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)



**Item no.: 2009-115/000-005**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red [www.wago.com/2009-115/000-005](http://www.wago.com/2009-115/000-005)

Group marker carrier



**Item no.: 2009-193**  
Group marker carrier; gray [www.wago.com/2009-193](http://www.wago.com/2009-193)



**Item no.: 2009-192**  
Group marker carrier; gray [www.wago.com/2009-192](http://www.wago.com/2009-192)



**Item no.: 2009-191**

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

Group marker carrier; gray

[www.wago.com/2009-191](http://www.wago.com/2009-191)

## Tool

### Operating tool



**Item no.: 2009-310**

Operating tool; Blades: 3.5 x 0.5 mm and 5.5 x 0.8 mm; for TOPJOB®S installation terminal blocks; green

[www.wago.com/2009-310](http://www.wago.com/2009-310)



**Item no.: 2009-309**

Operating tool; Blades: 3.5 x 0.5 mm and 2.5 x 0.4 mm; for TOPJOB®S installation terminal blocks

[www.wago.com/2009-309](http://www.wago.com/2009-309)



**Item no.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

[www.wago.com/210-658](http://www.wago.com/210-658)



**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-720](http://www.wago.com/210-720)

## Testing and measuring

### Testing accessories



**Item no.: 2009-174**

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

[www.wago.com/2009-174](http://www.wago.com/2009-174)



**Item no.: 2009-182**

Testing tap; for max. 2.5 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

[www.wago.com/2009-182](http://www.wago.com/2009-182)



**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

[www.wago.com/210-136](http://www.wago.com/210-136)

## Carrier rail

### Mounting accessories



**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[www.wago.com/210-197](http://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

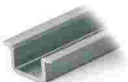
[www.wago.com/210-198](http://www.wago.com/210-198)



**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-113](http://www.wago.com/210-113)



**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

[www.wago.com/210-118](http://www.wago.com/210-118)

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

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**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](http://www.wago.com/210-112)  
silver-colored



**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored [www.wago.com/210-114](http://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](http://www.wago.com/210-115)  
silver-colored



**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](http://www.wago.com/210-196)

**Mounting**

Cover carrier



**Item no.: 709-169**

Cover carrier; Type 3; gray [www.wago.com/709-169](http://www.wago.com/709-169)

Cover



**Item no.: 709-156**

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent [www.wago.com/709-156](http://www.wago.com/709-156)

Mounting accessories



**Item no.: 2009-305**

Busbar carrier; with end stop function and detachable separator plate; for DIN 35 rail; 7.5 mm thick; blue [www.wago.com/2009-305](http://www.wago.com/2009-305)



**Item no.: 2009-304**

Busbar carrier; not suitable for use as end stop; for DIN 35 rail; 1.5 mm thick; blue [www.wago.com/2009-304](http://www.wago.com/2009-304)

**Jumpers**

Jumper



**Item no.: 210-123**

Wire commoning chain; insulated; blue [www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 2002-402**

Jumper; 2-way; insulated; light gray [www.wago.com/2002-402](http://www.wago.com/2002-402)



**Item no.: 2002-402/000-005**

Jumper; 2-way; insulated; red [www.wago.com/2002-402/000-005](http://www.wago.com/2002-402/000-005)



**Item no.: 2002-400**

Continuous jumper; 2-way; insulated; light gray [www.wago.com/2002-400](http://www.wago.com/2002-400)



**Item no.: 2002-403**

Jumper; 3-way; insulated; light gray [www.wago.com/2002-403](http://www.wago.com/2002-403)



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

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Item no.: 2002-404/000-005

Jumper; 4-way; insulated; red

[www.wago.com/2002-404/000-005](http://www.wago.com/2002-404/000-005)



Item no.: 2002-403/000-006

Jumper; 3-way; insulated; blue

[www.wago.com/2002-403/000-006](http://www.wago.com/2002-403/000-006)



Item no.: 2002-404/000-006

Jumper; 4-way; insulated; blue

[www.wago.com/2002-404/000-006](http://www.wago.com/2002-404/000-006)



Item no.: 2002-403/000-005

Jumper; 3-way; insulated; red

[www.wago.com/2002-403/000-005](http://www.wago.com/2002-403/000-005)



Item no.: 2002-405/000-005

Jumper; 5-way; insulated; red

[www.wago.com/2002-405/000-005](http://www.wago.com/2002-405/000-005)



Item no.: 2002-402/000-006

Jumper; 2-way; insulated; blue

[www.wago.com/2002-402/000-006](http://www.wago.com/2002-402/000-006)



Item no.: 2002-405/000-006

Jumper; 5-way; insulated; blue

[www.wago.com/2002-405/000-006](http://www.wago.com/2002-405/000-006)



Item no.: 2002-404

Jumper; 4-way; insulated; light gray

[www.wago.com/2002-404](http://www.wago.com/2002-404)



Item no.: 2002-406/000-006

Jumper; 6-way; insulated; blue

[www.wago.com/2002-406/000-006](http://www.wago.com/2002-406/000-006)



Item no.: 2002-406/000-005

Jumper; 6-way; insulated; red

[www.wago.com/2002-406/000-005](http://www.wago.com/2002-406/000-005)



Item no.: 2002-406/020-000

Delta jumper; insulated; light gray

[www.wago.com/2002-406/020-000](http://www.wago.com/2002-406/020-000)



Item no.: 2002-405

Jumper; 5-way; insulated; light gray

[www.wago.com/2002-405](http://www.wago.com/2002-405)



Item no.: 2002-407/000-005

Jumper; 7-way; insulated; red

[www.wago.com/2002-407/000-005](http://www.wago.com/2002-407/000-005)

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

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**Item no.: 2002-408**  
Jumper; 8-way; insulated; light gray

[www.wago.com/2002-408](http://www.wago.com/2002-408)



**Item no.: 2002-408/000-006**  
Jumper; 8-way; insulated; blue

[www.wago.com/2002-408/000-006](http://www.wago.com/2002-408/000-006)



**Item no.: 2002-405/011-000**  
Star point jumper; 3-way; insulated; light gray

[www.wago.com/2002-405/011-000](http://www.wago.com/2002-405/011-000)



**Item no.: 2002-407/000-006**  
Jumper; 7-way; insulated; blue

[www.wago.com/2002-407/000-006](http://www.wago.com/2002-407/000-006)



**Item no.: 2002-408/000-005**  
Jumper; 8-way; insulated; red

[www.wago.com/2002-408/000-005](http://www.wago.com/2002-408/000-005)



**Item no.: 2002-407**  
Jumper; 7-way; insulated; light gray

[www.wago.com/2002-407](http://www.wago.com/2002-407)



**Item no.: 2002-406**  
Jumper; 6-way; insulated; light gray

[www.wago.com/2002-406](http://www.wago.com/2002-406)



**Item no.: 2002-410/000-005**  
Jumper; 10-way; insulated; red

[www.wago.com/2002-410/000-005](http://www.wago.com/2002-410/000-005)



**Item no.: 2002-410/000-006**  
Jumper; 10-way; insulated; blue

[www.wago.com/2002-410/000-006](http://www.wago.com/2002-410/000-006)



**Item no.: 2002-410**  
Jumper; 10-way; insulated; light gray

[www.wago.com/2002-410](http://www.wago.com/2002-410)



**Item no.: 2002-409/000-006**  
Jumper; 9-way; insulated; blue

[www.wago.com/2002-409/000-006](http://www.wago.com/2002-409/000-006)



**Item no.: 2002-409/000-005**  
Jumper; 9-way; insulated; red

[www.wago.com/2002-409/000-005](http://www.wago.com/2002-409/000-005)

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



**Item no.: 2002-409**  
Jumper; 9-way; insulated; light gray

[www.wago.com/2002-409](http://www.wago.com/2002-409)



**Item no.: 2002-423/000-006**  
Continuous jumper; from 1 to 3; insulated; blue

[www.wago.com/2002-423/000-006](http://www.wago.com/2002-423/000-006)



**Item no.: 2002-423**  
Continuous jumper; from 1 to 3; insulated; light gray

[www.wago.com/2002-423](http://www.wago.com/2002-423)



**Item no.: 2002-433**  
Jumper; from 1 to 3; insulated; light gray

[www.wago.com/2002-433](http://www.wago.com/2002-433)



**Item no.: 2002-434**  
Jumper; from 1 to 4; insulated; light gray

[www.wago.com/2002-434](http://www.wago.com/2002-434)



**Item no.: 2002-423/000-005**  
Continuous jumper; from 1 to 3; insulated; red

[www.wago.com/2002-423/000-005](http://www.wago.com/2002-423/000-005)



**Item no.: 2002-435**  
Jumper; from 1 to 5; insulated; light gray

[www.wago.com/2002-435](http://www.wago.com/2002-435)



**Item no.: 2002-436**  
Jumper; from 1 to 6; insulated; light gray

[www.wago.com/2002-436](http://www.wago.com/2002-436)



**Item no.: 2002-437**  
Jumper; from 1 to 7; insulated; light gray

[www.wago.com/2002-437](http://www.wago.com/2002-437)



**Item no.: 2002-438**  
Jumper; from 1 to 8; insulated; light gray

[www.wago.com/2002-438](http://www.wago.com/2002-438)



**Item no.: 2002-439**  
Jumper; from 1 to 9; insulated; light gray

[www.wago.com/2002-439](http://www.wago.com/2002-439)



**Item no.: 2002-440**  
Jumper; from 1 to 10; insulated; light gray

[www.wago.com/2002-440](http://www.wago.com/2002-440)



**Item no.: 2002-472**  
Staggered jumper; 2-way; insulated; light gray

[www.wago.com/2002-472](http://www.wago.com/2002-472)



**Item no.: 2002-473**  
Staggered jumper; 3-way; insulated; light gray

[www.wago.com/2002-473](http://www.wago.com/2002-473)



**Item no.: 2002-475/011-000**  
Staggered jumper; 3-way; insulated; light gray















[www.wago.com/2002-475/011-000](http://www.wago.com/2002-475/011-000)



**Item no.: 2002-475**  
Staggered jumper; 5-way; insulated; light gray

[www.wago.com/2002-475](http://www.wago.com/2002-475)















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

	<b>Item no.: 2002-476</b> Staggered jumper; 6-way; insulated; light gray	<a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>
	<b>Item no.: 2002-474</b> Staggered jumper; 4-way; insulated; light gray	<a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>
	<b>Item no.: 2002-477</b> Staggered jumper; 7-way; insulated; light gray	<a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>
	<b>Item no.: 2002-473/011-000</b> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a>
	<b>Item no.: 2002-479</b> Staggered jumper; 9-way; insulated; light gray	<a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>
	<b>Item no.: 2002-478</b> Staggered jumper; 8-way; insulated; light gray	<a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>
	<b>Item no.: 2002-479/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a>
	<b>Item no.: 2002-480</b> Staggered jumper; 10-way; insulated; light gray	<a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>
	<b>Item no.: 2002-477/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a>
	<b>Item no.: 2002-481/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a>
	<b>Item no.: 2002-481</b> Staggered jumper; 11-way; insulated; light gray	<a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>
	<b>Item no.: 2002-482</b> Staggered jumper; 12-way; insulated; light gray	<a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>
	<b>Item no.: 210-103</b> Wire commoning chain; insulated; black	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
	<b>Item no.: 2002-424/000-006</b> Continuous jumper; from 1 to 4; insulated; blue	<a href="http://www.wago.com/2002-424/000-006">www.wago.com/2002-424/000-006</a>

**Push-in type wire jumper**



Jumper

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

	<b>Item no.: 2009-412</b> Push-in type wire jumper; insulated; 60 mm long; black	<a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>
	<b>Item no.: 2009-414</b> Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black	<a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>
	<b>Item no.: 2009-416</b> Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 250 mm long; black	<a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>
	<b>Item no.: 2009-414/000-005</b> Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black	<a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a>
	<b>Item no.: 2009-414/000-006</b> Push-in type wire jumper; insulated; 110 mm long; black	<a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a>
<b>Insulation stop</b>		
Insulation stop		
	<b>Item no.: 2002-171</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray	<a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a>
	<b>Item no.: 2002-172</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray	<a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a>
<b>Ferrule</b>		
Ferrule		
	<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
	<b>Item no.: 216-263</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
	<b>Item no.: 216-246</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	<a href="http://www.wago.com/216-246">www.wago.com/216-246</a>
	<b>Item no.: 216-266</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	<a href="http://www.wago.com/216-266">www.wago.com/216-266</a>

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



	<b>Item no.: 216-264</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
	<b>Item no.: 216-262</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>

## Downloads

### Documentation

#### Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 2203-7549	URL	Download
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### CAE data

EPLAN Data Portal 2203-7549	URL	Download
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## Environmental Product Compliance

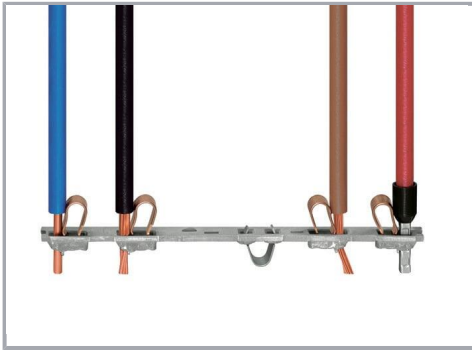
### Compliance Search

Environmental Product Compliance 2203-7549	URL	Download
Multilevel installation terminal block; with operating slots and push-button; 2.5 mm <sup>2</sup> ; N /L; Push-in CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray		

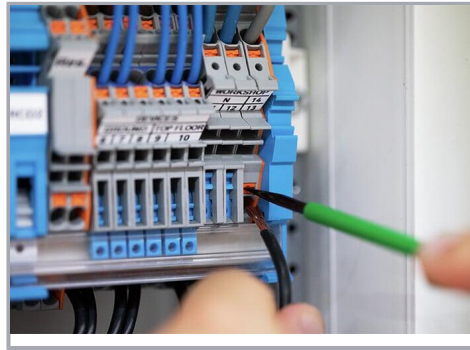
## Installation Notes

### Conductor termination

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

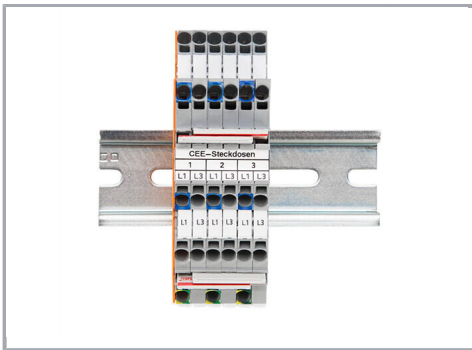


All conductor types at a glance

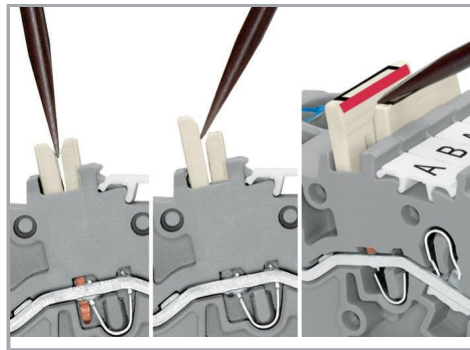


Conductor termination

### Commoning



Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

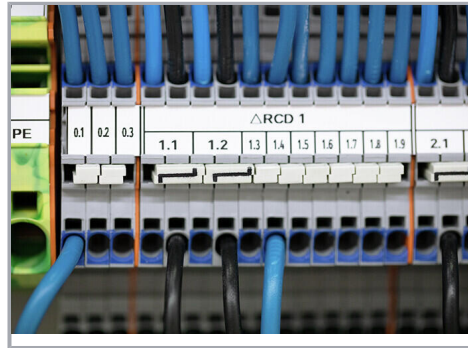
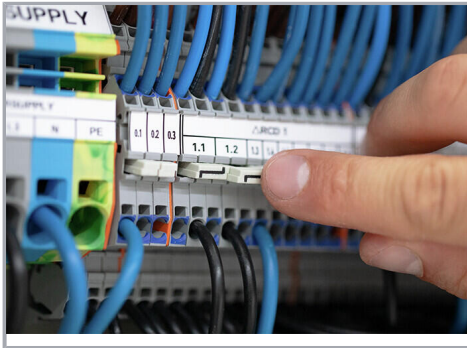


### Removing a staggered jumper:

Insert the operating tool between the staggered jumpers, then lift up the jumper.

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

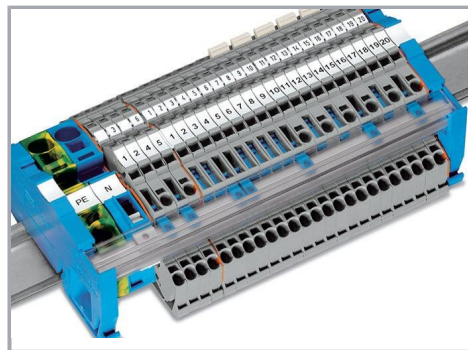
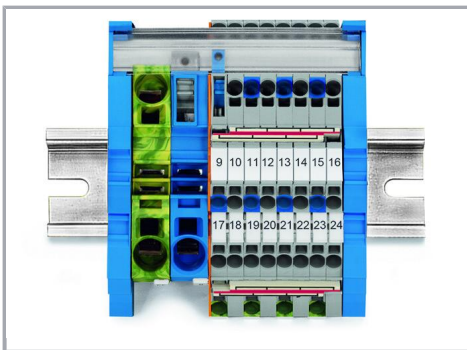




The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.

Adjacent Jumpers for Continuous Commoning (2002-400)

### Busbar

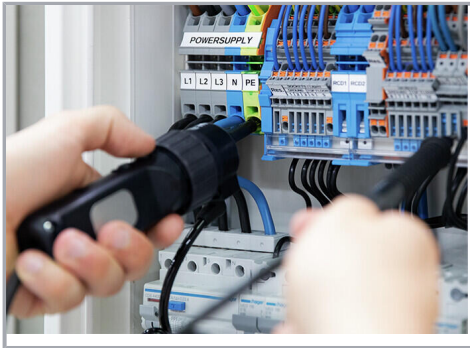


Mounting busbars on busbar carriers: Insert busbar ends onto large busbar carriers (2009-305) or onto supply terminal blocks with an integrated busbar carrier.

The busbar transparent cover (Item No. 777-303) protects the busbar against accidental contact and makes it easy to see which terminal blocks are connected to the busbar.

### Testing

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



Testing

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

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