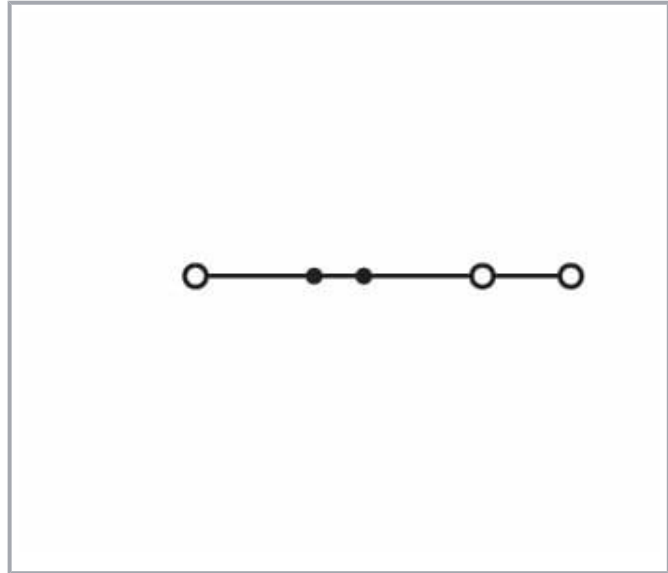
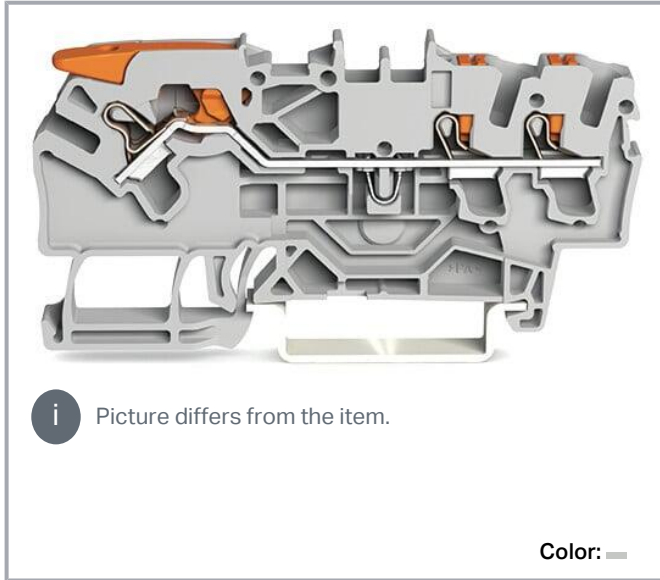


## Data sheet | Item number: 2102-5309

3-conductor through terminal block; with lever and push-button; 2.5 mm<sup>2</sup>; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2102-5309](http://www.wago.com/2102-5309)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V
Rated impulse voltage (III/3)	8 kV
Rated current	24 A
Current at conductor cross-section (max.) mm <sup>2</sup>	30 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

#### Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

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

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## Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	20 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

## Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Ratings per	ATEX: PTB 18 ATEX 1010 U / IECEx: PTB 18.0001U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	20.5 A
Rated current (Ex e II) with jumper	20 A

## 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	3
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

## Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
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

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



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
Height	72.2 mm / 2.843 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

## Mechanical Data

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

## Material Data

Note (material data)	Information on material specifications can be found <a href="#">here</a>
----------------------	--

Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.186 MJ
Weight	8.1 g

## Environmental requirements

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

## Commercial data

ETIM 8.0	EC000897
ETIM 7.0	EC000897

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PU (SPU)	50 pcs
Packaging type	box
Country of origin	PL
GTIN	4055144018554
Customs tariff number	85369010000

## Environmental Product Compliance


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

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7670
	CCC CNEX	GB/T 3836.3	2020312313000163 (Ex eb IIC Gb, Ex eb I Mb)
	CSA DEKRA Certification B.V.	C22.2	70175030
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-102882

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity	-	-

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## Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	9- HG1866350- PDA
	<b>BV</b> Bureau Veritas S.A.	IEC 60947	58186/A0 BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00003JT
	<b>LR</b> Lloyds Register	-	19/20050

## Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	<b>AEx</b> Underwriters Laboratories Inc.	UL 60079	20181105-E185892 (AEx eb IIC resp. Ex eb IIC)
	<b>ATEX</b> Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 18 ATEX 1010 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
	<b>CCC</b> CNEX	GB/T 3836.3	2020312313000163 (Ex eb IIC Gb, Ex eb I Mb)
	<b>IECEx</b> Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEx PTB 18.0017U (Ex eb IIC Gb resp. Ex eb I Mb)
	<b>INMETRO</b>	IEC 60079	TÜV 19.0818 U

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TÜV Rheinland do Brasil Ltda.

## Required accessories

### End plate

#### End plate



**Item no.: 2102-1391**

End and intermediate plate; 0.8 mm thick; for 3-conductor terminal blocks; gray

[www.wago.com/2102-1391](http://www.wago.com/2102-1391)



**Item no.: 2102-1392**

End and intermediate plate; 0.8 mm thick; for 3-conductor terminal blocks; orange

[www.wago.com/2102-1392](http://www.wago.com/2102-1392)

## Optional accessories

### 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)

### Tool

#### Operating tool



**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)

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

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**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.: 2002-511**Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-511](http://www.wago.com/2002-511)**Item no.: 2002-549**

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

[www.wago.com/2002-549](http://www.wago.com/2002-549)**Item no.: 2002-552**Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-552](http://www.wago.com/2002-552)**Item no.: 2002-558**Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-558](http://www.wago.com/2002-558)**Item no.: 2002-559**Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-559](http://www.wago.com/2002-559)**Item no.: 2002-556**Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-556](http://www.wago.com/2002-556)**Item no.: 2002-553**Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-553](http://www.wago.com/2002-553)**Item no.: 2002-611**TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-611](http://www.wago.com/2002-611)**Item no.: 2002-560**Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-560](http://www.wago.com/2002-560)**Item no.: 2002-554**Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-554](http://www.wago.com/2002-554)**Item no.: 2002-555**Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-555](http://www.wago.com/2002-555)**Item no.: 2002-557**Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm<sup>2</sup>; gray[www.wago.com/2002-557](http://www.wago.com/2002-557)**Item no.: 2002-649**

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2002-649](http://www.wago.com/2002-649)**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)

## Jumpers

### Jumper

**Item no.: 210-123**

Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)

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

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









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	<b>Item no.: 2002-402</b> Jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a>
	<b>Item no.: 2002-402/000-005</b> Jumper; 2-way; insulated; red	<a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a>
	<b>Item no.: 2002-400</b> Continuous jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>
	<b>Item no.: 2002-403</b> Jumper; 3-way; insulated; light gray	<a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>
	<b>Item no.: 2002-404/000-005</b> Jumper; 4-way; insulated; red	<a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a>
	<b>Item no.: 2002-403/000-006</b> Jumper; 3-way; insulated; blue	<a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a>
	<b>Item no.: 2002-404/000-006</b> Jumper; 4-way; insulated; blue	<a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a>
	<b>Item no.: 2002-403/000-005</b> Jumper; 3-way; insulated; red	<a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a>
	<b>Item no.: 2002-405/000-005</b> Jumper; 5-way; insulated; red	<a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a>
	<b>Item no.: 2002-402/000-006</b> Jumper; 2-way; insulated; blue	<a href="http://www.wago.com/2002-402/000-006">www.wago.com/2002-402/000-006</a>
	<b>Item no.: 2002-405/000-006</b> Jumper; 5-way; insulated; blue	<a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a>
	<b>Item no.: 2002-404</b> Jumper; 4-way; insulated; light gray	<a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>
	<b>Item no.: 2002-406/000-006</b> Jumper; 6-way; insulated; blue	<a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a>
	<b>Item no.: 2002-406/000-005</b> Jumper; 6-way; insulated; red	<a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a>

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





**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)



**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)

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

	<b>Item no.: 2002-410</b> Jumper; 10-way; insulated; light gray	<a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>
	<b>Item no.: 2002-409/000-006</b> Jumper; 9-way; insulated; blue	<a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a>
	<b>Item no.: 2002-409/000-005</b> Jumper; 9-way; insulated; red	<a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a>
	<b>Item no.: 2002-409</b> Jumper; 9-way; insulated; light gray	<a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>
	<b>Item no.: 2002-423/000-006</b> Continuous jumper; from 1 to 3; insulated; blue	<a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a>
	<b>Item no.: 2002-423</b> Continuous jumper; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>
	<b>Item no.: 2002-433</b> Jumper; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>
	<b>Item no.: 2002-434</b> Jumper; from 1 to 4; insulated; light gray	<a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>
	<b>Item no.: 2002-423/000-005</b> Continuous jumper; from 1 to 3; insulated; red	<a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a>
	<b>Item no.: 2002-435</b> Jumper; from 1 to 5; insulated; light gray	<a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>
	<b>Item no.: 2002-436</b> Jumper; from 1 to 6; insulated; light gray	<a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>
	<b>Item no.: 2002-437</b> Jumper; from 1 to 7; insulated; light gray	<a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>
	<b>Item no.: 2002-438</b> Jumper; from 1 to 8; insulated; light gray	<a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>
	<b>Item no.: 2002-439</b> Jumper; from 1 to 9; insulated; light gray	<a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>
	<b>Item no.: 2002-440</b> Jumper; from 1 to 10; insulated; light gray	<a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>
	<b>Item no.: 2002-472</b>	<a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>

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

Staggered jumper; 2-way; insulated; light gray



**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)



**Item no.: 2002-476**

Staggered jumper; 6-way; insulated; light gray

[www.wago.com/2002-476](http://www.wago.com/2002-476)



**Item no.: 2002-474**

Staggered jumper; 4-way; insulated; light gray

[www.wago.com/2002-474](http://www.wago.com/2002-474)



**Item no.: 2002-477**

Staggered jumper; 7-way; insulated; light gray

[www.wago.com/2002-477](http://www.wago.com/2002-477)



**Item no.: 2002-473/011-000**

Staggered jumper; 2-way; from 1 to 3; insulated; light gray

[www.wago.com/2002-473/011-000](http://www.wago.com/2002-473/011-000)



**Item no.: 2002-479**

Staggered jumper; 9-way; insulated; light gray

[www.wago.com/2002-479](http://www.wago.com/2002-479)



**Item no.: 2002-478**

Staggered jumper; 8-way; insulated; light gray

[www.wago.com/2002-478](http://www.wago.com/2002-478)



**Item no.: 2002-479/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-479/011-000](http://www.wago.com/2002-479/011-000)



**Item no.: 2002-480**

Staggered jumper; 10-way; insulated; light gray

[www.wago.com/2002-480](http://www.wago.com/2002-480)



**Item no.: 2002-477/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-477/011-000](http://www.wago.com/2002-477/011-000)



**Item no.: 2002-481/011-000**

Staggered jumper; insulated; light gray

[www.wago.com/2002-481/011-000](http://www.wago.com/2002-481/011-000)



**Item no.: 2002-481**

Staggered jumper; 11-way; insulated; light gray

[www.wago.com/2002-481](http://www.wago.com/2002-481)



**Item no.: 2002-482**

Staggered jumper; 12-way; insulated; light gray

[www.wago.com/2002-482](http://www.wago.com/2002-482)

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

**Item no.: 210-103**

Wire commoning chain; insulated; black

[www.wago.com/210-103](http://www.wago.com/210-103)**Item no.: 2002-424/000-006**

Continuous jumper; from 1 to 4; insulated; blue

[www.wago.com/2002-424/000-006](http://www.wago.com/2002-424/000-006)**Carrier rail**

## Mounting accessories

**Item no.: 210-197**

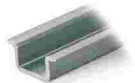
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

[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)**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; silver-colored [www.wago.com/210-112](http://www.wago.com/210-112)**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; silver-colored [www.wago.com/210-115](http://www.wago.com/210-115)**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)**Marking accessories**

## Marking strip

**Item no.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[www.wago.com/2009-110](http://www.wago.com/2009-110)

## Marker carrier

**Item no.: 2009-198**

Adaptor; gray

[www.wago.com/2009-198](http://www.wago.com/2009-198)**Item no.: 2002-161**

Adaptor; gray

[www.wago.com/2002-161](http://www.wago.com/2002-161)

## Marker

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

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	<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>
	<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>

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



**Item no.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)



**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)



**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)

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

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)

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

Group marker carrier; gray [www.wago.com/2009-191](http://www.wago.com/2009-191)

Plugs

Diode plug

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

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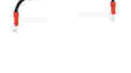




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	<b>Item no.: 2002-880/1000-411</b> Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray	<a href="http://www.wago.com/2002-880/1000-411">www.wago.com/2002-880/1000-411</a>
LED plug		
	<b>Item no.: 2002-880/1000-541</b> Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray	<a href="http://www.wago.com/2002-880/1000-541">www.wago.com/2002-880/1000-541</a>
	<b>Item no.: 2002-880/1000-542</b> Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; multicoloured	<a href="http://www.wago.com/2002-880/1000-542">www.wago.com/2002-880/1000-542</a>
	<b>Item no.: 2002-880/1000-836</b> Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray	<a href="http://www.wago.com/2002-880/1000-836">www.wago.com/2002-880/1000-836</a>
Empty component plug housing		
	<b>Item no.: 2002-880</b> Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; gray	<a href="http://www.wago.com/2002-880">www.wago.com/2002-880</a>
Push-in type wire jumper		
Jumper		
	<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>
Ferrule		
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>



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



	<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>
	<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>

#### Insulation stop

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>

## Downloads

### Documentation

#### Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

## Environmental Product Compliance

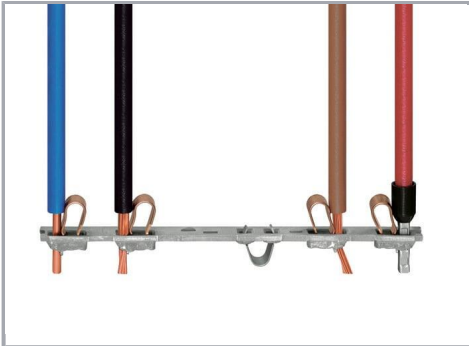
### Compliance Search

Environmental Product Compliance 2102-5309	URL	Download
3-conductor through terminal block; with lever and push-button; 2.5 mm <sup>2</sup> ; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm <sup>2</sup> ; light gray		

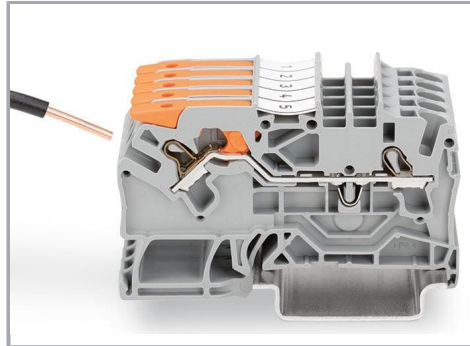
Subject to changes. Please also observe the further product documentation!

## Installation Notes

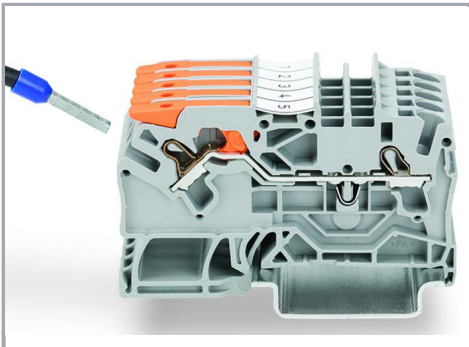
### Conductor termination



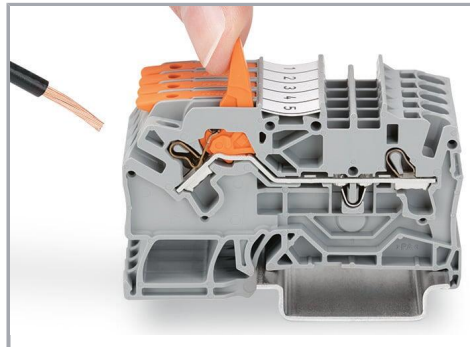
All conductor types at a glance



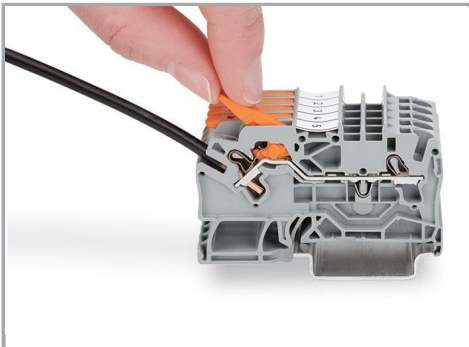
Push-in termination of solid conductors



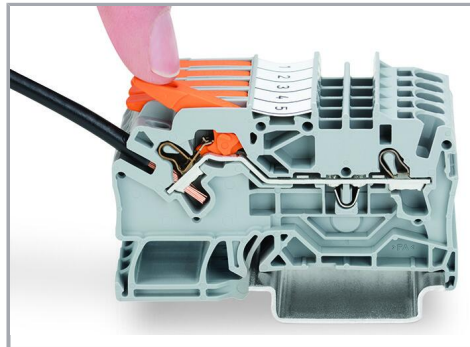
Push-in termination of fine-stranded conductors with ferrules



Pull the lever up until it stops, then connect the fine-stranded conductor.



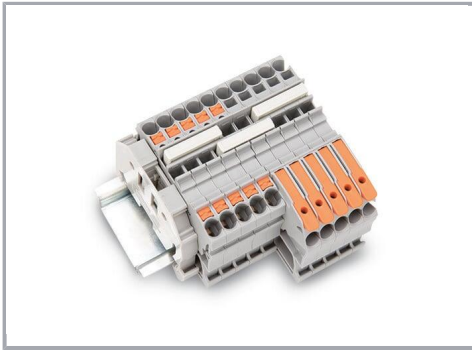
Push the lever back down – done!



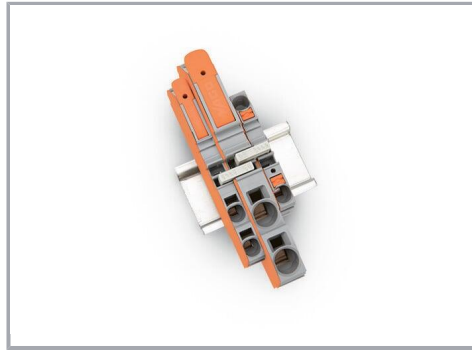
Push the lever back down – done!

### Commoning

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

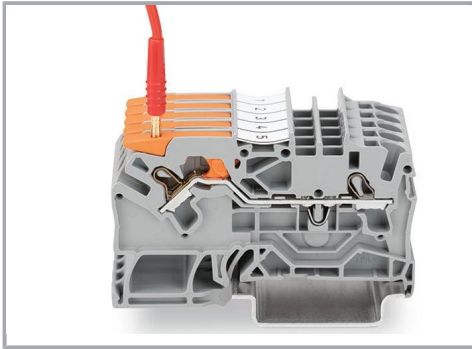


Insert a push-in type jumper bar and push down until it hits the backstop.



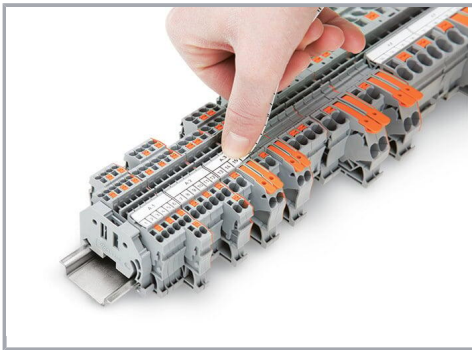
Commoning with step-down jumpers.

### Testing

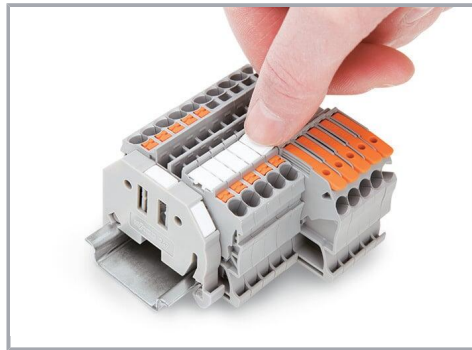


Testing with a 2 mm Ø test plug (max. 42 V).

### Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.

### Product family

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