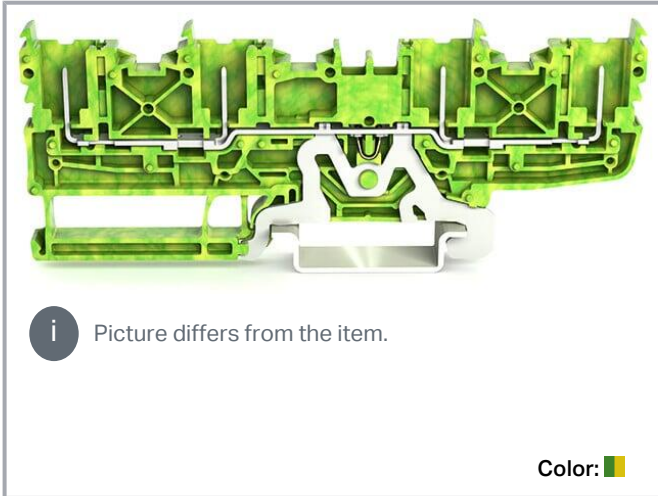


## Data sheet | Item number: 2022-1807/999-953

4-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow

[www.wago.com/2022-1807/999-953](http://www.wago.com/2022-1807/999-953)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-2
-------------	------------------

#### Connection data

Female plug slots	4
Total number of potentials	1
Number of levels	1

#### Physical data

Width	5.2 mm / 0.205 inches
Height	106 mm / 4.173 inches
Depth from upper-edge of DIN-rail	32.5 mm / 1.28 inches

#### Mechanical Data

Design	horizontal type
--------	-----------------

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

WAGO GmbH & Co. KG  
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32423 Minden  
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Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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

## Material Data

Note (material data)	Information on material specifications can be found here
Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	14.8 g

## Environmental requirements

Continuous operating temperature	-60 ... +105 °C
----------------------------------	-----------------

## Commercial data


ETIM 8.0	EC000901
ETIM 7.0	EC000901
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143927048
Customs tariff number	85366990990

## 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.	C22.2 No. 158	2437422
	CCC CNEX	GB/T 3836.3	2020312313000255 (Ex ec IIC Gc)

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

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**KEMA/KEUR**  
DEKRA Certification B.V.

EN 60947

71-116567






**UL**  
Underwriters Laboratories Inc.


UL 1059

E45172

**Approvals for hazardous areas**



Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX</b> Physikalisch Technische Bundesanstalt	EN IEC 60079-0	PTB 13 ATEX 1004 U (II 3 G Ex ec II C Gc)
	<b>CCC</b> CNEX	GB/T 3836.3	2020312313000255 (Ex ec IIC Gc)
	<b>IECEX</b> Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 13.0004U (Ex ec IIC Gc)

**Counterpart**

	<b>Item no.2022-102/999-953</b> 1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 2-pole; Centered locking levers; 4,00 mm²; gray	<a href="http://www.wago.com/2022-102/999-953">www.wago.com/2022-102/999-953</a>
---	--	--

**Required accessories**

**End plate**

End plate		
	<b>Item no.: 2022-1891</b> End plate; 1 mm thick; gray	<a href="http://www.wago.com/2022-1891">www.wago.com/2022-1891</a>
	<b>Item no.: 2022-1892</b> End plate; 1 mm thick; orange	<a href="http://www.wago.com/2022-1892">www.wago.com/2022-1892</a>

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

## Optional accessories

### Tool

#### Operating tool



**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)

### 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

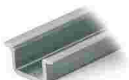
[www.wago.com/210-198](http://www.wago.com/210-198)



**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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	<p><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</p>	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<p><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</p>	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<p><b>Item no.: 248-501</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p>	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
	<p><b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
<b>Group marker carrier</b>		
	<p><b>Item no.: 2009-193</b> Group marker carrier; gray</p>	<a href="http://www.wago.com/2009-193">www.wago.com/2009-193</a>
	<p><b>Item no.: 2009-192</b> Group marker carrier; gray</p>	<a href="http://www.wago.com/2009-192">www.wago.com/2009-192</a>
	<p><b>Item no.: 2009-191</b> Group marker carrier; gray</p>	<a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>
<b>Coding</b>		
Coding		
	<p><b>Item no.: 2022-100</b> Carrier with 6 coding pins; for coding of female plugs; orange</p>	<a href="http://www.wago.com/2022-100">www.wago.com/2022-100</a>
<b>Push-in type wire jumper</b>		
Jumper		
	<p><b>Item no.: 2009-412</b> Push-in type wire jumper; insulated; 60 mm long; black</p>	<a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>
	<p><b>Item no.: 2009-414</b> Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black</p>	<a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>
	<p><b>Item no.: 2009-416</b> Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black</p>	<a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>
	<p><b>Item no.: 2009-414/000-005</b> Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black</p>	<a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a>
	<p><b>Item no.: 2009-414/000-006</b> Push-in type wire jumper; insulated; 110 mm long; black</p>	<a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a>
<b>Jumpers</b>		
Jumper		

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

	<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.: 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)

## Downloads

### Documentation

#### Additional Information

Technical Section

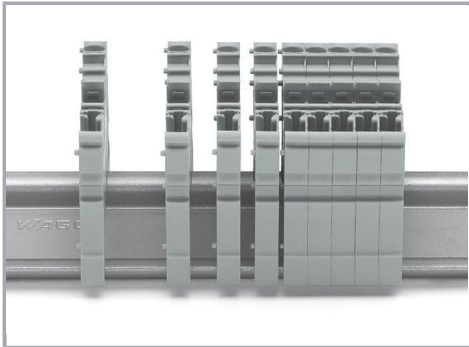
Technical explanations

pdf  
2.2 MB

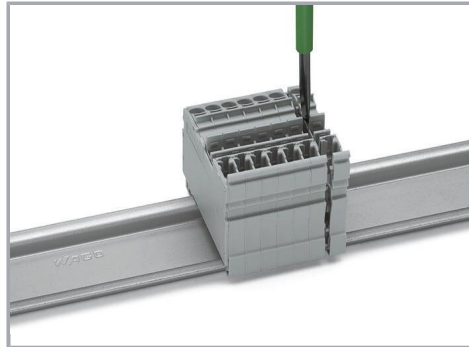
Download

## Installation Notes

### Installation



Snap individual carrier terminal blocks onto the DIN-rail and slide together.

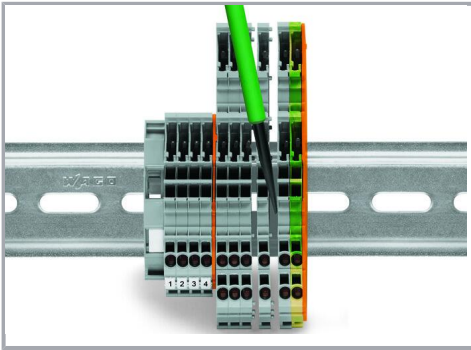


Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).

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

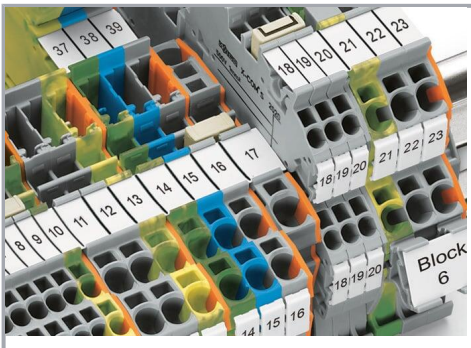
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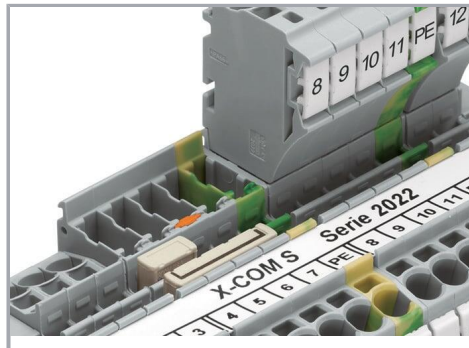


Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

### Commoning

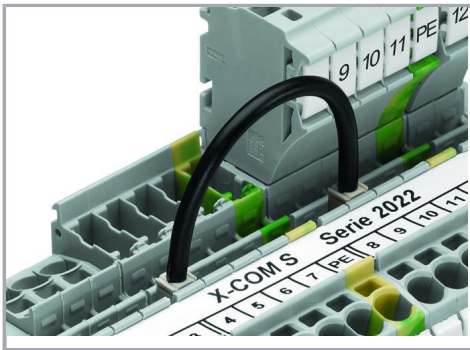


Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for TOPJOB® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.



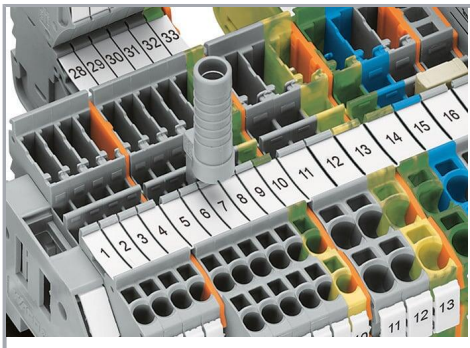
Pairing push-in comb style jumpers.

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



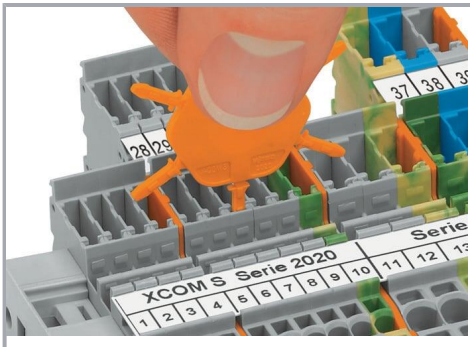
Commoning with push-in type wire jumper.

### Testing

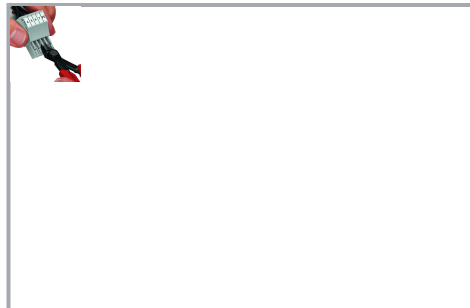


Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.

### Coding



Insert coding pin into the corresponding slot and twist it off.



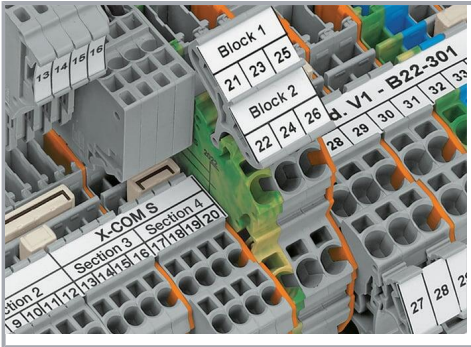
Coding a female plug: remove coding finger using a suitable tool.

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

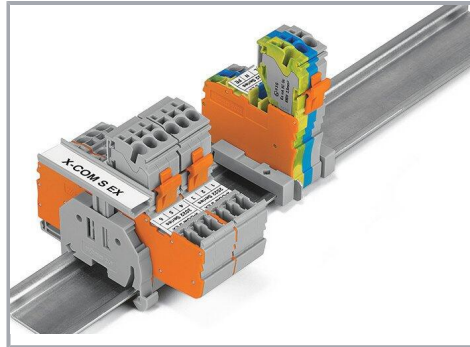


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

### Marking

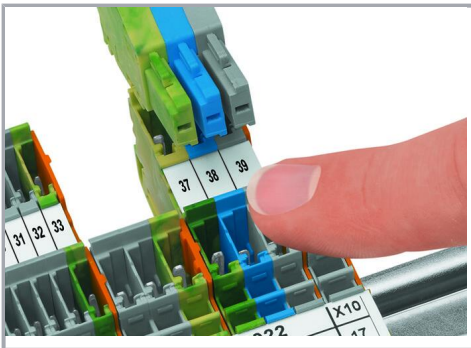


Clear marking via large marking area



Group marking with height-adjustable group marker carrier (2009-163)

### Security



Carrier terminal blocks and female plugs are touch-proof.

### Product family

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



**X-COM S**

[Show all products from the family](#)

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

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