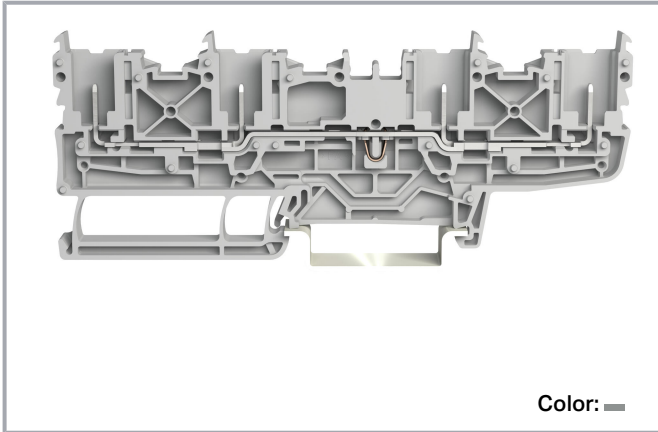


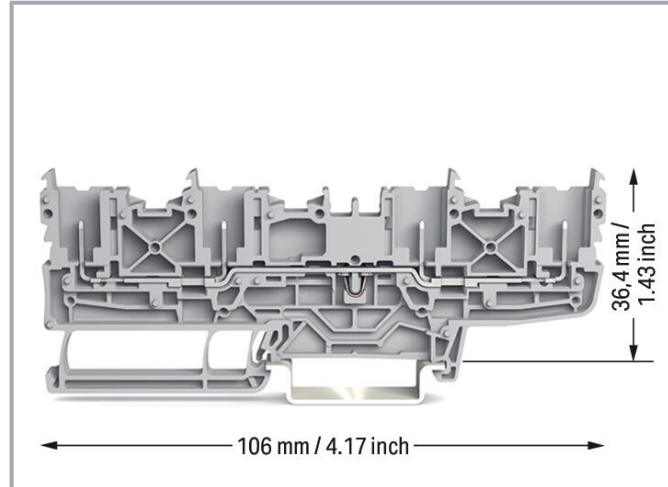
## Data sheet | Item number: 2022-1801

4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/2022-1801](http://www.wago.com/2022-1801)



Color: ■



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	690 V
Rated impulse voltage (III/3)	6 kV
Rated current	24 A
Current at conductor cross-section (max.) mm <sup>2</sup>	27 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 C)	600 V
Rated current CSA (Use Group C)	20 A

## Power loss

Power loss, per pole (potential)	0.766 W
Rated current $I_N$ for specified power loss	24 A

## 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
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	0.296 MJ
Weight	11.8 g

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

## Environmental requirements

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

## Commercial data





ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143927000
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
	CCA DEKRA Certification B.V.	EN 60947	NTR CCA NL-7864
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 116567
	UL Underwriters Laboratories Inc.	UL 1059	E45172



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

## Counterpart

	<b>Item no.2022-101</b> 1-conductor female connector; Push-in CAGE CLAMP®; 4 mm <sup>2</sup> ; Pin spacing 5.2 mm; 1-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/2022-101">www.wago.com/2022-101</a>
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## 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>

## 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>
	<b>Item no.: 2002-161</b> Adaptor; gray	<a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>
Marker		
	<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.: 2009-115</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</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
	<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	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
Group marker carrier		
	<b>Item no.: 2009-193</b>	

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

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)**Tool**

Operating tool

**Item no.: 210-720**

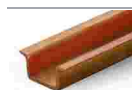
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

[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**

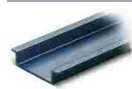
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

[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)**Coding**

Coding

**Item no.: 2022-100**

Carrier with 6 coding pins; for coding of female plugs; orange

[www.wago.com/2022-100](http://www.wago.com/2022-100)**Jumpers**

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

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Jumper		
	<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>

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



**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)



**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)

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



**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)



**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)

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



	<b>Item no.: 2022-440</b> Jumper; from 1 to 10; insulated; light gray	<a href="http://www.wago.com/2022-440">www.wago.com/2022-440</a>
	<b>Item no.: 2022-472</b> Staggered jumper; 2-way; insulated; light gray	<a href="http://www.wago.com/2022-472">www.wago.com/2022-472</a>
	<b>Item no.: 2022-473</b> Staggered jumper; 3-way; insulated; light gray	<a href="http://www.wago.com/2022-473">www.wago.com/2022-473</a>
	<b>Item no.: 2022-475/011-000</b> Staggered jumper; 3-way; insulated; light gray	<a href="http://www.wago.com/2022-475/011-000">www.wago.com/2022-475/011-000</a>
	<b>Item no.: 2022-475</b> Staggered jumper; 5-way; insulated; light gray	<a href="http://www.wago.com/2022-475">www.wago.com/2022-475</a>
	<b>Item no.: 2022-476</b> Staggered jumper; 6-way; insulated; light gray	<a href="http://www.wago.com/2022-476">www.wago.com/2022-476</a>
	<b>Item no.: 2022-474</b> Staggered jumper; 4-way; insulated; light gray	<a href="http://www.wago.com/2022-474">www.wago.com/2022-474</a>
	<b>Item no.: 2022-477</b> Staggered jumper; 7-way; insulated; light gray	<a href="http://www.wago.com/2022-477">www.wago.com/2022-477</a>
	<b>Item no.: 2022-473/011-000</b> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/2022-473/011-000">www.wago.com/2022-473/011-000</a>
	<b>Item no.: 2022-479</b> Staggered jumper; 9-way; insulated; light gray	<a href="http://www.wago.com/2022-479">www.wago.com/2022-479</a>
	<b>Item no.: 2022-478</b> Staggered jumper; 8-way; insulated; light gray	<a href="http://www.wago.com/2022-478">www.wago.com/2022-478</a>
	<b>Item no.: 2022-479/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2022-479/011-000">www.wago.com/2022-479/011-000</a>
	<b>Item no.: 2022-480</b> Staggered jumper; 10-way; insulated; light gray	<a href="http://www.wago.com/2022-480">www.wago.com/2022-480</a>
	<b>Item no.: 2022-477/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2022-477/011-000">www.wago.com/2022-477/011-000</a>
	<b>Item no.: 2022-481/011-000</b> Staggered jumper; insulated; light gray	<a href="http://www.wago.com/2022-481/011-000">www.wago.com/2022-481/011-000</a>

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

	<b>Item no.:</b> 2002-481 Staggered jumper; 11-way; insulated; light gray	<a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>
	<b>Item no.:</b> 2002-482 Staggered jumper; 12-way; insulated; light gray	<a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>
	<b>Item no.:</b> 2002-424/000-006 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>
<b>Push-in type wire jumper</b>		
Jumper		
	<b>Item no.:</b> 2009-412 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.:</b> 2009-414 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.:</b> 2009-416 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.:</b> 2009-414/000-005 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.:</b> 2009-414/000-006 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>

## Downloads

### Documentation

#### Bid Text

2022-1801 docx - Datei	2019 May 20	docx 15.5 kB	Download
2022-1801 X81 - Datei	2019 May 20	xml 4.4 kB	Download

#### Additional Information

Technical Section Technical explanations	pdf 2.2 MB	Download
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Subject to changes. Please also observe the further product documentation!

## CAD/CAE-Data

### CAD data

2D/3D Models 2022-1801	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

ZUKEN Portal 2022-1801	<a href="#">URL</a>	<a href="#">Download</a>
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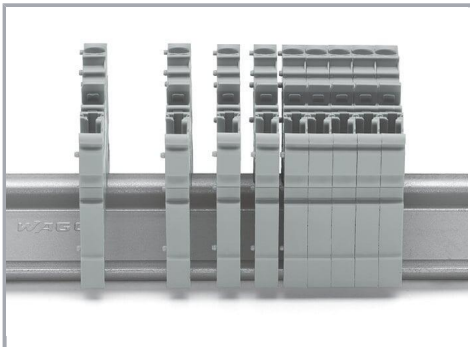
## Environmental Product Compliance

### Compliance Search

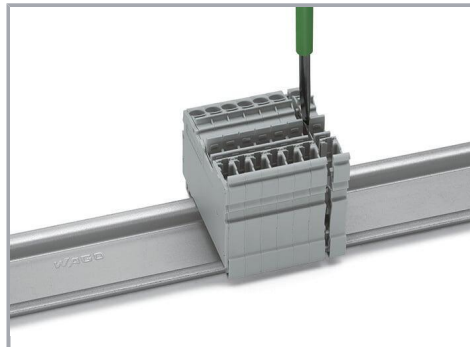
Environmental Product Compliance 2022-1801 4-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; gray	<a href="#">URL</a>	<a href="#">Download</a>
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## Installation Notes

### Installation

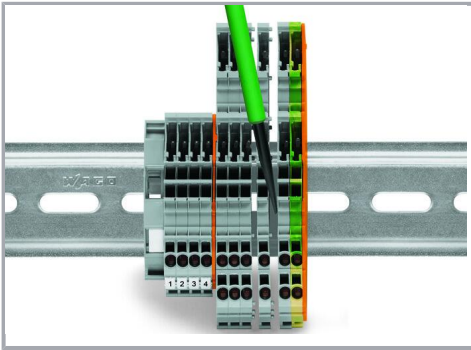


Snap individual carrier terminal blocks onto the DIN-rail and slide together.



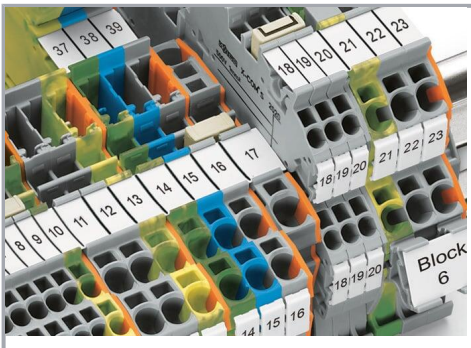
Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).

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

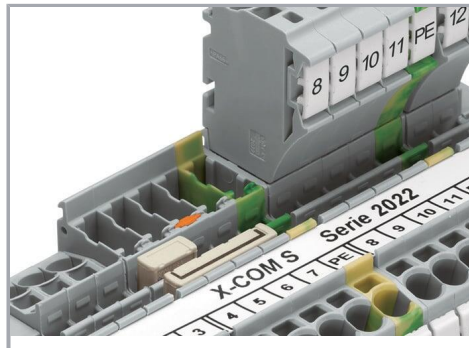


Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

### Commoning

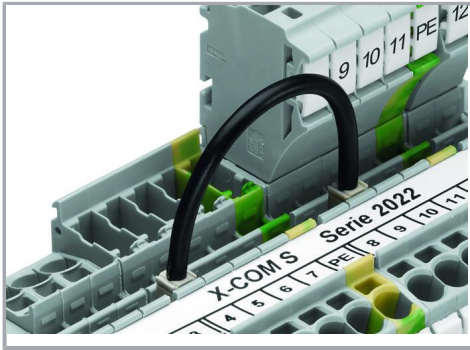


Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for TOPJOB® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.



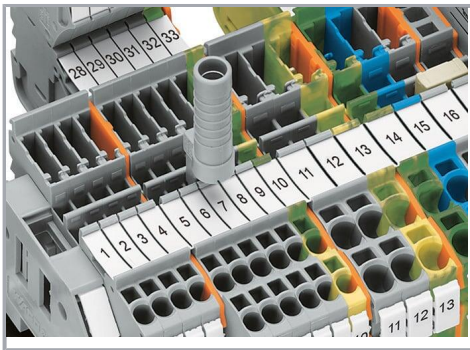
Pairing push-in comb style jumpers.

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



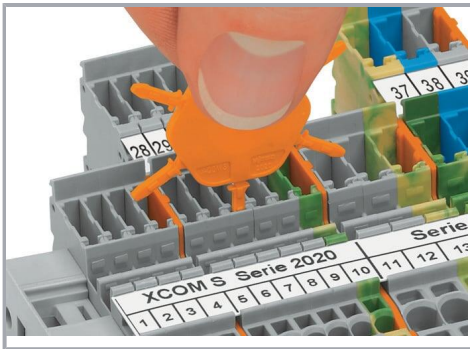
Commoning with push-in type wire jumper.

### Testing

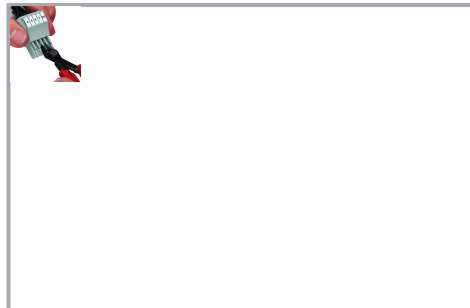


Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.

### Coding



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



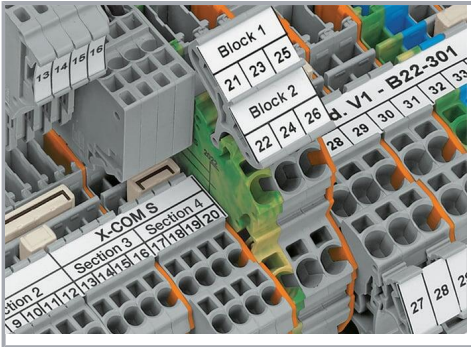
Coding a female plug: remove coding finger using a suitable tool.

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

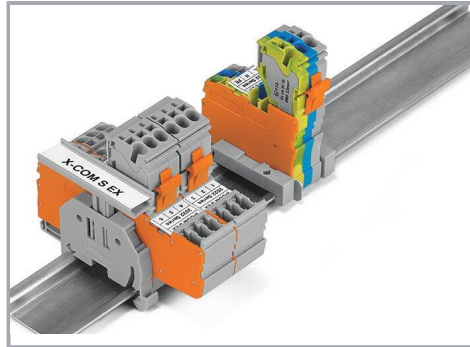


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

### Marking

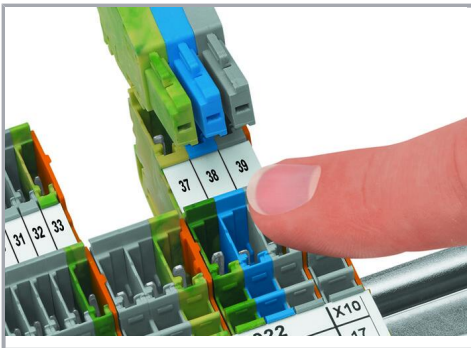


Clear marking via large marking area



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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