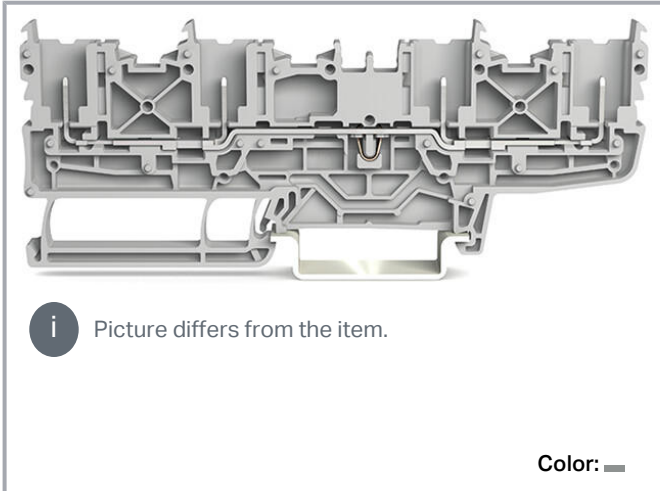


## Data sheet | Item number: 2022-1801/999-953

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

[www.wago.com/2022-1801\\_999-953](http://www.wago.com/2022-1801_999-953)



### Data

#### Electrical data

#### IEC Approvals

Ratings per	IEC/EN 60947-7-1
Rated current	20 A

#### UL Approvals

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

#### CSA Approvals

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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## Ex information

Rated voltage EN (Ex e II)	630 V
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## Connection data

Total number of potentials	1
Number of levels	1

## Physical data

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

## Mechanical data

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

## Material data


Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	12 g

## Commercial data

Packaging type	BOX
Country of origin	CN
GTIN	4055143927017
Customs tariff number	8536904000

## Approvals / Certificates

### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX</b> Physikalisch Technische Bundesanstalt	EN IEC 60079-0	PTB 13 ATEX 1004 U

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IECEX  
Physikalisch Technische Bundesanstalt


IEC 60079-0

IECEX PTB 13.0004  
U (Ex ec IIC Gc)


## Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	C22.2 No. 158	2437422

## UL-Approvals



Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	E45172

## Counterpart

	Item no.2022-102/999-953 1-conductor female connector; Locking lever; 4 mm <sup>2</sup> ; Pin spacing 5.2 mm; 2-pole; 4,00 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/2022-102/999-953">www.wago.com/2022-102/999-953</a>
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## Required accessories

## End plates

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

## Optional accessories
















## Jumpers

	Item no.: 2002-400 TOPJOB®S endless jumper; for 2002 series; insulated; 2-way; light-gray	<a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>
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	<b>Item no.: 2002-402</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way; light-gray	<a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a>
	<b>Item no.: 2002-402/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way; red	<a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a>
	<b>Item no.: 2002-402/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way; blue	<a href="http://www.wago.com/2002-402/000-006">www.wago.com/2002-402/000-006</a>
	<b>Item no.: 2002-403</b> TOPJOB®S jumper; for 2002 series; insulated; 3-way; light-gray	<a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>
	<b>Item no.: 2002-403/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 3-way; red	<a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a>
	<b>Item no.: 2002-403/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 3-way; blue	<a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a>
	<b>Item no.: 2002-404</b> TOPJOB®S jumper; for 2002 series; insulated; 4-way; light-gray	<a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>
	<b>Item no.: 2002-404/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 4-way; red	<a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a>
	<b>Item no.: 2002-404/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 4-way; blue	<a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a>
	<b>Item no.: 2002-405</b> TOPJOB®S jumper; for 2002 series; insulated; 5-way; light-gray	<a href="http://www.wago.com/2002-405">www.wago.com/2002-405</a>
	<b>Item no.: 2002-405/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 5-way; red	<a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a>
	<b>Item no.: 2002-405/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 5-way; blue	<a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a>
	<b>Item no.: 2002-405/011-000</b> TOPJOB®S jumper; Wye configuration; for 2002 series; insulated; 3-way (1-3-5); light-gray	<a href="http://www.wago.com/2002-405/011-000">www.wago.com/2002-405/011-000</a>
	<b>Item no.: 2002-406</b> TOPJOB®S jumper; for 2002 series; insulated; 6-way; light-gray	<a href="http://www.wago.com/2002-406">www.wago.com/2002-406</a>

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	<b>Item no.: 2002-406/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 6-way; red	<a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a>
	<b>Item no.: 2002-406/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 6-way; blue	<a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a>
	<b>Item no.: 2002-406/020-000</b> TOPJOB®S jumper; Delta configuration; for 2002 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray	<a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a>
	<b>Item no.: 2002-407</b> TOPJOB®S jumper; for 2002 series; insulated; 7-way; light-gray	<a href="http://www.wago.com/2002-407">www.wago.com/2002-407</a>
	<b>Item no.: 2002-407/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 7-way; red	<a href="http://www.wago.com/2002-407/000-005">www.wago.com/2002-407/000-005</a>
	<b>Item no.: 2002-407/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 7-way; blue	<a href="http://www.wago.com/2002-407/000-006">www.wago.com/2002-407/000-006</a>
	<b>Item no.: 2002-408</b> TOPJOB®S jumper; for 2002 series; insulated; 8-way; light-gray	<a href="http://www.wago.com/2002-408">www.wago.com/2002-408</a>
	<b>Item no.: 2002-408/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 8-way; red	<a href="http://www.wago.com/2002-408/000-005">www.wago.com/2002-408/000-005</a>
	<b>Item no.: 2002-408/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 8-way; blue	<a href="http://www.wago.com/2002-408/000-006">www.wago.com/2002-408/000-006</a>
	<b>Item no.: 2002-409</b> TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray	<a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>
	<b>Item no.: 2002-409/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 9-way; red	<a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a>
	<b>Item no.: 2002-409/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray	<a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a>
	<b>Item no.: 2002-410</b> TOPJOB®S jumper; for 2002 series; insulated; 10-way; light-gray	<a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>
	<b>Item no.: 2002-410/000-005</b> TOPJOB®S jumper; for 2002 series; insulated; 10-way; red	<a href="http://www.wago.com/2002-410/000-005">www.wago.com/2002-410/000-005</a>

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	<b>Item no.: 2002-410/000-006</b> TOPJOB®S jumper; for 2002 series; insulated; 10-way; blue	<a href="http://www.wago.com/2002-410/000-006">www.wago.com/2002-410/000-006</a>
	<b>Item no.: 2002-423</b> TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); light-gray	<a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>
	<b>Item no.: 2002-423/000-005</b> TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); red	<a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a>
	<b>Item no.: 2002-423/000-006</b> TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); blue	<a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a>
	<b>Item no.: 2002-433</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-3); light-gray	<a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>
	<b>Item no.: 2002-434</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-4); light-gray	<a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>
	<b>Item no.: 2002-435</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-5); light-gray	<a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>
	<b>Item no.: 2002-436</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-6); light-gray	<a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>
	<b>Item no.: 2002-437</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-7); light-gray	<a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>
	<b>Item no.: 2002-438</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-8); light-gray	<a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>
	<b>Item no.: 2002-439</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-9); light-gray	<a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>
	<b>Item no.: 2002-440</b> TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-10); light-gray	<a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>
	<b>Item no.: 2002-472</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 2-way; light-gray	<a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>
	<b>Item no.: 2002-473</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way; light-gray	<a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>
	<b>Item no.: 2002-473/011-000</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; 2-way (preconfigured 1-3); light-gray	<a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a>
	<b>Item no.: 2002-474</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way; light-gray	<a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>
	<b>Item no.: 2002-475</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way; light-gray	<a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>






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	<b>Item no.: 2002-475/011-000</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way (preconfigured 1-3-5); light-gray	<a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a>
	<b>Item no.: 2002-476</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way; light-gray	<a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>
	<b>Item no.: 2002-477</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 7-way; light-gray	<a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>
	<b>Item no.: 2002-477/011-000</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way (preconfigured 1-3-5-7); light-gray	<a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a>
	<b>Item no.: 2002-478</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 8-way; light-gray	<a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>
	<b>Item no.: 2002-479</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 9-way; light-gray	<a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>
	<b>Item no.: 2002-479/011-000</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way (preconfigured 1-3-5-7-9); 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> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 10-way; light-gray	<a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>
	<b>Item no.: 2002-481</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 11-way; light-gray	<a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>
	<b>Item no.: 2002-481/011-000</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way (preconfigured 1-3-5-7-9-11); light-gray	<a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a>
	<b>Item no.: 2002-482</b> TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 12-way; light-gray	<a href="http://www.wago.com/2002-482">www.wago.com/2002-482</a>
<b>Marking accessories</b>		
	<b>Item no.: 2002-161</b> Adaptor; gray	<a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>
	<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>
	<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.: 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.: 2009-191</b> Group marker carrier	<a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>

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	<b>Item no.: 2009-192</b> Group marker carrier	<a href="http://www.wago.com/2009-192">www.wago.com/2009-192</a>
	<b>Item no.: 2009-193</b> Group marker carrier	<a href="http://www.wago.com/2009-193">www.wago.com/2009-193</a>
	<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.: 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.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</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>
<b>Tools</b>		
	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
<b>Coding</b>		
	<b>Item no.: 2022-100</b> Carrier with 6 coding pins; for coding of female plugs; orange	<a href="http://www.wago.com/2022-100">www.wago.com/2022-100</a>
<b>Carrier rail</b>		
	<b>Item no.: 210-112</b> 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	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Item no.: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<b>Item no.: 210-115</b> 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	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Item no.: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>
	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
<b>Push-in type wire jumper</b>		

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	<p><b>Item no.: 2009-412</b> TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray</p>	<p><a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a></p>
	<p><b>Item no.: 2009-414</b> TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray</p>	<p><a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a></p>
	<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>	<p><a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a></p>
	<p><b>Item no.: 2009-414/000-006</b> Push-in type wire jumper; insulated; 110 mm long; black</p>	<p><a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a></p>
	<p><b>Item no.: 2009-416</b> TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray</p>	<p><a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a></p>

## Downloads

### Documentation

#### Additional Information

Technical explanations

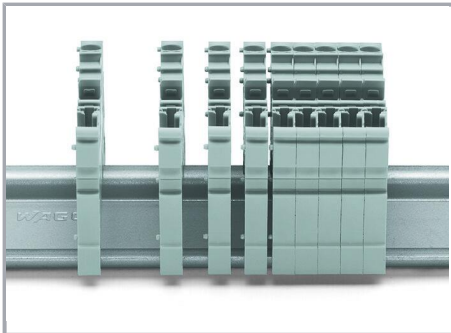
Apr 3, 2019

pdf  
2.2 MB

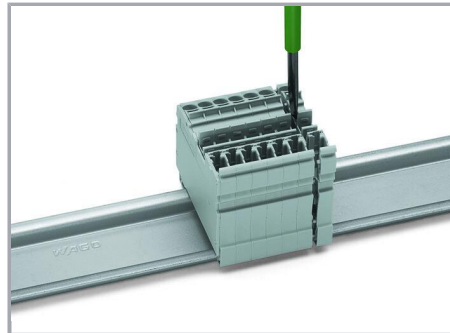
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## Installation Notes

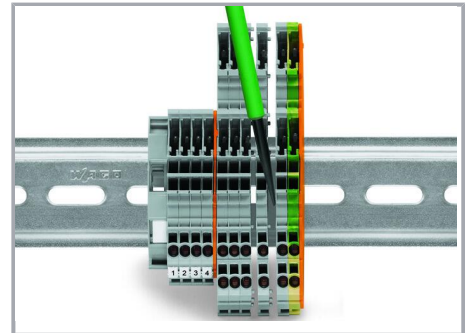
### Installation



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).



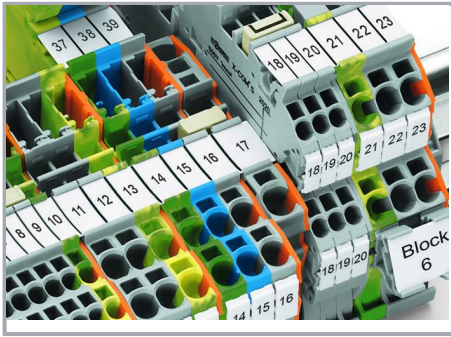
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

### Commoning

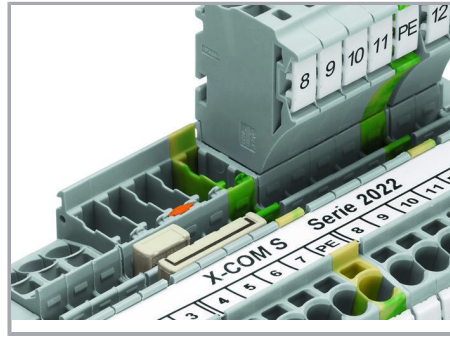
Subject to changes. Please also observe the further product documentation!

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

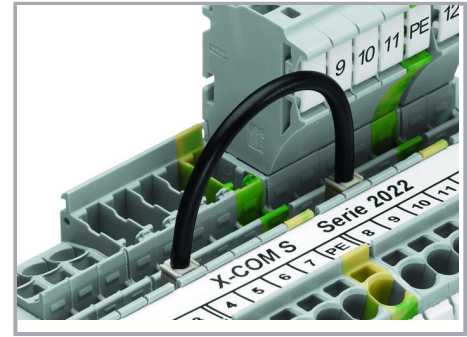
Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



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.

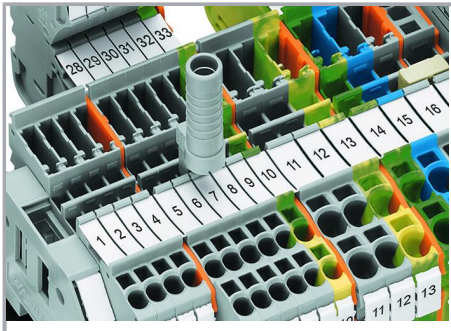


Pairing push-in comb style jumpers.



Commoning with push-in type wire jumper.

### Testing



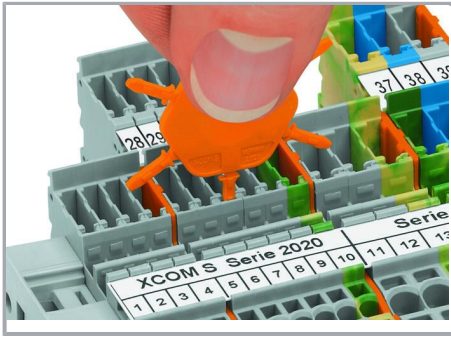
Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.

### Coding

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

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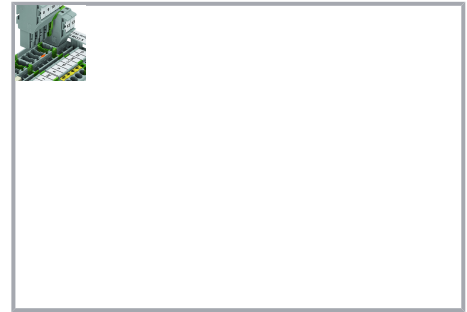
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Insert coding pin into the corresponding slot and twist it off.

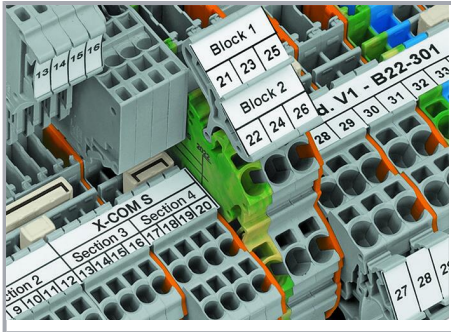


Coding a female plug: remove coding finger using a suitable tool.

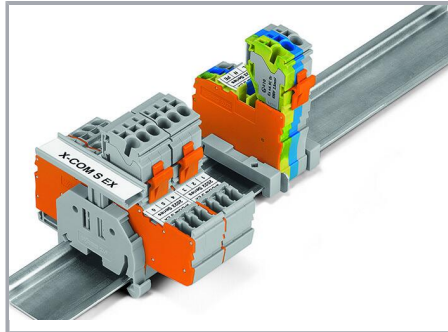


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

### Marking

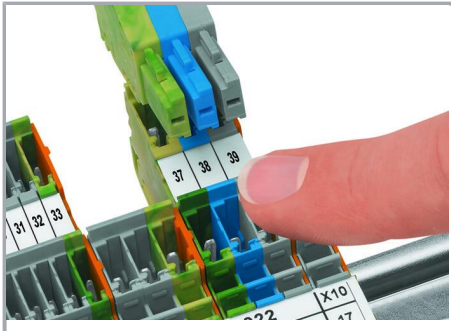


Clear marking via large marking area



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

### Safety



Carrier terminal blocks and female plugs are touch-proof.

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