

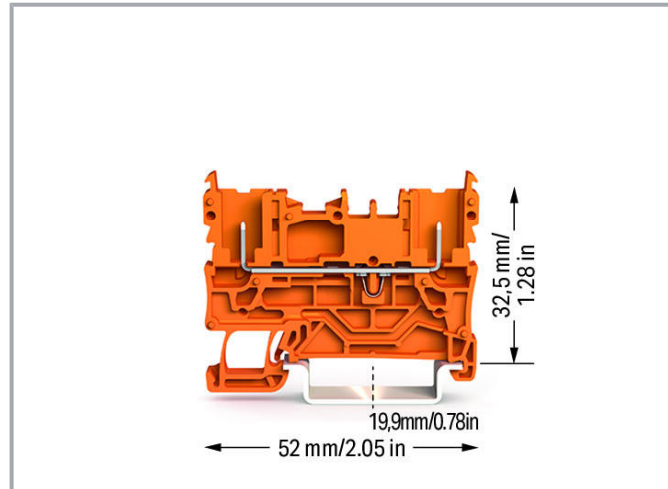
Data sheet | Item number: 2022-1602

2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; orange

www.wago.com/2022-1602



Color: 



Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	690 V
Rated surge voltage (III/3)	6 kV
Rated current	24 A
Rated current 2	28 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V

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

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

Ratings per CSA

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

Physical data

Width	5.2 mm / 0.205 inch
Height	52 mm / 2.047 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

Note on material data	Information on material data can be found here
Color	orange
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	5.5 g

Commercial data

PU (SPU)	50 Stück
Packaging type	box
Country of origin	CN
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
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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-Approvals

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

Counterpart

	Item no.2022-101 1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 1-pole; 4,00 mm²; gray	www.wago.com/2022-101
	Item no.2022-101/000-012 1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 1-pole; 4,00 mm²; orange	www.wago.com/2022-101/000-012

Required accessories

End plate

End plate		
	Item no.: 2022-1691 End plate; 1 mm thick; gray	www.wago.com/2022-1691
	Item no.: 2022-1692 End plate; 1 mm thick; orange	www.wago.com/2022-1692

Optional accessories

Marking accessories

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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

Marker carrier

**Item no.: 2009-198**

Adaptor; gray

www.wago.com/2009-198**Item no.: 2002-161**

Adaptor; gray

www.wago.com/2002-161

Marker

Item no.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145**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**Item no.: 248-501**

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

www.wago.com/248-501**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/793-501**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

Group marker carrier

**Item no.: 2009-193**

Group marker carrier; gray

www.wago.com/2009-193**Item no.: 2009-192**

Group marker carrier; gray

www.wago.com/2009-192**Item no.: 2009-191**

Group marker carrier; gray

www.wago.com/2009-191

Jumpers

Jumper

Item no.: 2002-402

Jumper; 2-way; insulated; light gray

www.wago.com/2002-402**Item no.: 2002-402/000-005**

Jumper; 2-way; insulated; red

www.wago.com/2002-402/000-005**Item no.: 2002-400**

Continuous jumper; 2-way; insulated; light gray

www.wago.com/2002-400**Item no.: 2002-403**

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Jumper; 3-way; insulated; light gray

www.wago.com/2022-403**Item no.: 2002-404/000-005**

Jumper; 4-way; insulated; red

www.wago.com/2002-404/000-005**Item no.: 2002-403/000-006**

Jumper; 3-way; insulated; blue

www.wago.com/2002-403/000-006**Item no.: 2002-404/000-006**

Jumper; 4-way; insulated; blue

www.wago.com/2002-404/000-006**Item no.: 2002-403/000-005**

Jumper; 3-way; insulated; red

www.wago.com/2002-403/000-005**Item no.: 2002-405/000-005**

Jumper; 5-way; insulated; red

www.wago.com/2002-405/000-005**Item no.: 2002-402/000-006**

Jumper; 2-way; insulated; blue

www.wago.com/2002-402/000-006**Item no.: 2002-405/000-006**

Jumper; 5-way; insulated; blue

www.wago.com/2002-405/000-006**Item no.: 2002-404**

Jumper; 4-way; insulated; light gray

www.wago.com/2002-404**Item no.: 2002-406/000-006**

Jumper; 6-way; insulated; blue

www.wago.com/2002-406/000-006**Item no.: 2002-406/000-005**

Jumper; 6-way; insulated; red

www.wago.com/2002-406/000-005**Item no.: 2002-406/020-000**

Delta jumper; insulated; light gray

www.wago.com/2002-406/020-000**Item no.: 2002-405**

Jumper; 5-way; insulated; light gray

www.wago.com/2002-405**Item no.: 2002-407/000-005**

Jumper; 7-way; insulated; red

www.wago.com/2002-407/000-005**Item no.: 2002-408**

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

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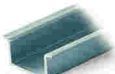


	Jumper; 8-way; insulated; light gray	www.wago.com/2002-408
	Item no.: 2002-408/000-006 Jumper; 8-way; insulated; blue	www.wago.com/2002-408/000-006
	Item no.: 2002-405/011-000 Star point jumper; 3-way; insulated; light gray	www.wago.com/2002-405/011-000
	Item no.: 2002-407/000-006 Jumper; 7-way; insulated; blue	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
	Item no.: 2002-407 Jumper; 7-way; insulated; light gray	www.wago.com/2002-407
	Item no.: 2002-406 Jumper; 6-way; insulated; light gray	www.wago.com/2002-406
	Item no.: 2002-410/000-005 Jumper; 10-way; insulated; red	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
	Item no.: 2002-410 Jumper; 10-way; insulated; light gray	www.wago.com/2002-410
	Item no.: 2002-409/000-006 Jumper; 9-way; insulated; blue	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
	Item no.: 2002-409 Jumper; 9-way; insulated; light gray	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
	Item no.: 2002-423 Continuous jumper; from 1 to 3; insulated; light gray	www.wago.com/2002-423

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

	Item no.: 2002-433 Jumper; from 1 to 3; insulated; light gray	www.wago.com/2002-433
	Item no.: 2002-434 Jumper; from 1 to 4; insulated; light gray	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
	Item no.: 2002-435 Jumper; from 1 to 5; insulated; light gray	www.wago.com/2002-435
	Item no.: 2002-436 Jumper; from 1 to 6; insulated; light gray	www.wago.com/2002-436
	Item no.: 2002-437 Jumper; from 1 to 7; insulated; light gray	www.wago.com/2002-437
	Item no.: 2002-438 Jumper; from 1 to 8; insulated; light gray	www.wago.com/2002-438
	Item no.: 2002-439 Jumper; from 1 to 9; insulated; light gray	www.wago.com/2002-439
	Item no.: 2002-440 Jumper; from 1 to 10; insulated; light gray	www.wago.com/2002-440
	Item no.: 2002-472 Staggered jumper; 2-way; insulated; light gray	www.wago.com/2002-472
	Item no.: 2002-473 Staggered jumper; 3-way; insulated; light gray	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
	Item no.: 2002-475 Staggered jumper; 5-way; insulated; light gray	www.wago.com/2002-475
	Item no.: 2002-476 Staggered jumper; 6-way; insulated; light gray	www.wago.com/2002-476
	Item no.: 2002-474 Staggered jumper; 4-way; insulated; light gray	www.wago.com/2002-474
	Item no.: 2002-477 Staggered jumper; 7-way; insulated; light gray	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

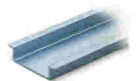
Subject to changes. Please also observe the further product documentation!

	Item no.: 2002-479 Staggered jumper; 9-way; insulated; light gray	www.wago.com/2002-479
	Item no.: 2002-478 Staggered jumper; 8-way; insulated; light gray	www.wago.com/2002-478
	Item no.: 2002-479/011-000 Staggered jumper; insulated; light gray	www.wago.com/2002-479/011-000
	Item no.: 2002-480 Staggered jumper; 10-way; insulated; light gray	www.wago.com/2002-480
	Item no.: 2002-477/011-000 Staggered jumper; insulated; light gray	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
	Item no.: 2002-481 Staggered jumper; 11-way; insulated; light gray	www.wago.com/2002-481
	Item no.: 2002-482 Staggered jumper; 12-way; insulated; light gray	www.wago.com/2002-482
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
	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
	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
	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
	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
	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
	Item no.: 210-115	

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



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115
silver-colored

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Coding

Coding

**Item no.: 2022-100**

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

www.wago.com/2022-100
Push-in type wire jumper

Jumper

**Item no.: 2009-412**

Push-in type wire jumper; insulated; 60 mm long; black

www.wago.com/2009-412
**Item no.: 2009-414**

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

www.wago.com/2009-414
**Item no.: 2009-416**

Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black

www.wago.com/2009-416
**Item no.: 2009-414/000-005**

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black

www.wago.com/2009-414/000-005
**Item no.: 2009-414/000-006**

Push-in type wire jumper; insulated; 110 mm long; black

www.wago.com/2009-414/000-006
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
Downloads**Documentation****Bid Text**

2022-1602	2019. 5. 20.	xml	Download
X81 - Datei		4.4 kB	
2022-1602	2019. 5. 20.	docx	Download
docx - Datei		15.6 kB	

Additional Information

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Technical Section

Technical explanations

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2.2 MB

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CAD/CAE-Data

CAD data

2D/3D Models 2022-1602

URL

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CAE data

ZUKEN Portal 2022-1602

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2022-1602

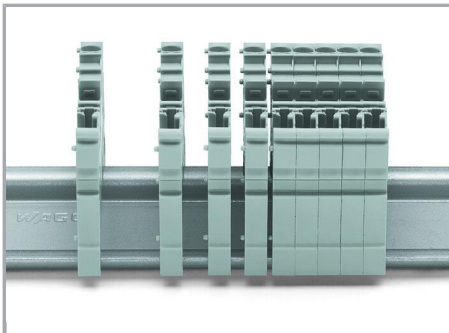
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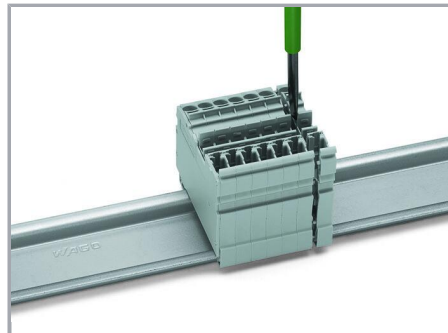
2-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; orange

Installation Notes

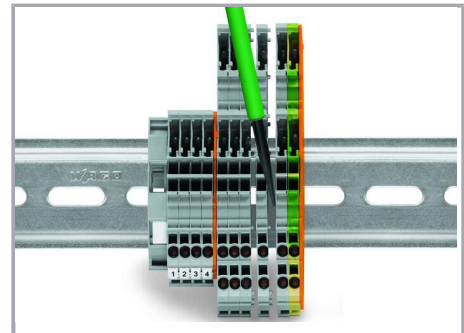
Installation



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!

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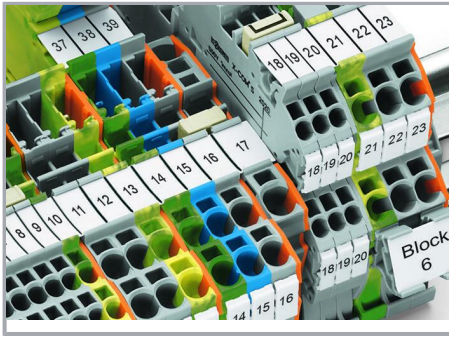
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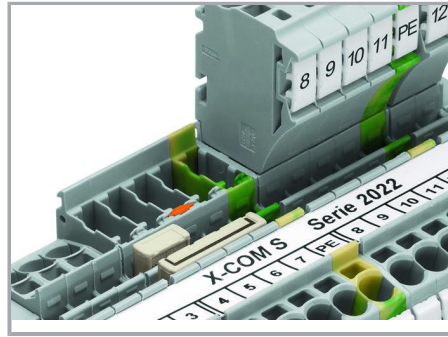
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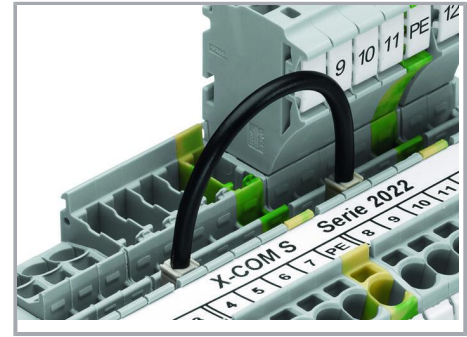
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Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for TOPJOB® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.

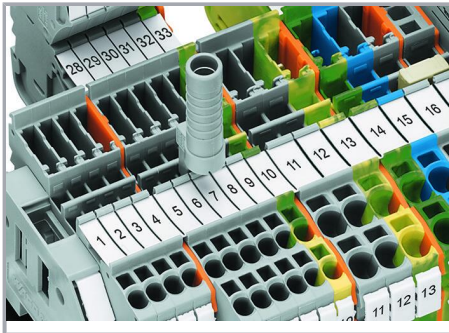


Pairing push-in comb style jumpers.



Commoning with push-in type wire jumper.

Testing



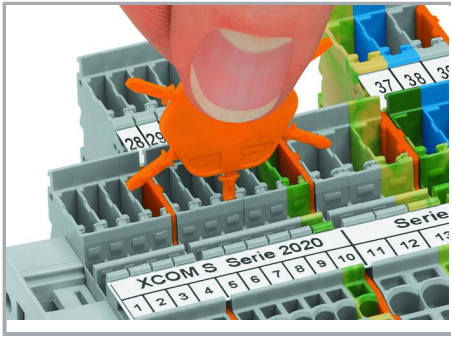
Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.

Coding

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

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



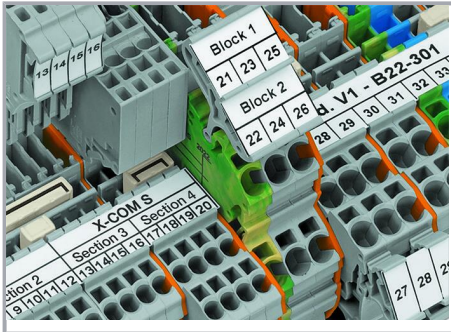
Coding a female plug: remove coding finger using a suitable tool.



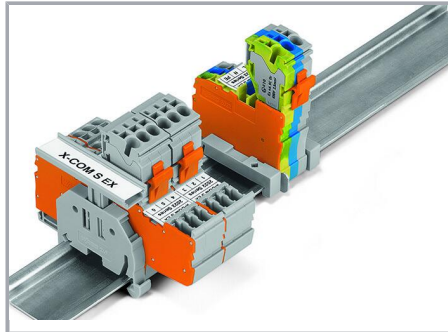
Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.



Marking



Clear marking via large marking area



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

Safety

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



Carrier terminal blocks and female plugs are touch-proof.

Product family

X-COM S

[Show all products from the family](#)

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

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