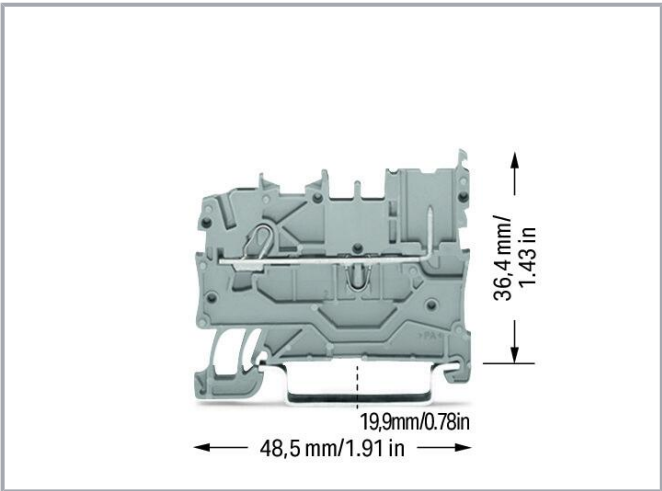


Data sheet | Item number: 2020-1201

1-conductor/1-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5;
Push-in CAGE CLAMP®; 1,00 mm²; gray

www.wago.com/2020-1201



Data
Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	13.5 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)	300 V

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

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Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	15 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Power Loss

Power loss, per pole (potential)	0.434 W
Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.002 Ω

Connection data

Connection points	1
Female plug slots	1
Total number of potentials	1
Number of levels	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm ² / 20 ... 18 AWG

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



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	9 ... 11 mm / 0.35 ... 0.43 inches
Wiring direction	Front-entry wiring

Physical data

Width	3.5 mm / 0.138 inches
Height	48.5 mm / 1.909 inches
Depth from upper-edge of DIN-rail	36.4 mm / 1.433 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 here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.082 MJ
Weight	3.6 g

Environmental requirements

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

Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	Box

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Country of origin	CN
GTIN	4050821145387
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.	EN 60947	NTR NL 7617
	CSA DEKRA Certification B.V.	C22.2	2516073
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 100670
	UL UL International Germany GmbH	UL 1059	E 45172

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 WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Certificate

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

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Logo	Approval	Additional Approval Text	name
	ABS American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/B0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

Counterpart



Item no.2020-102

1-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 1,50 mm²; gray

www.wago.com/2020-102



Item no.2020-202

2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 1,50 mm²; gray

www.wago.com/2020-202

Required accessories

End plate

End plate



Item no.: 2020-1292

End and intermediate plate; 1 mm thick; orange

www.wago.com/2020-1292



Item no.: 2020-1291

End and intermediate plate; 1 mm thick; gray

www.wago.com/2020-1291

Optional accessories

Protective warning marker

Cover



Item no.: 2000-115

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

www.wago.com/2000-115

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

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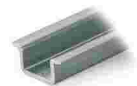
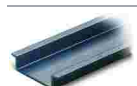
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Ferrule

Ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243

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 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
	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

Push-in type wire jumper

Jumper		
	Item no.: 2009-404 Push-in type wire jumper; 0.75 mm ² ; insulated; 110 mm long; gray	www.wago.com/2009-404
	Item no.: 2009-402 Push-in type wire jumper; 0.75 mm ² ; insulated; 60 mm long; gray	www.wago.com/2009-402

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

**Item no.: 2009-406**Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; graywww.wago.com/2009-406**Tool**

Operating tool

**Item no.: 210-648**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

www.wago.com/210-648**Item no.: 210-647**

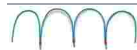
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-647**Item no.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719**Jumpers**

Jumper

**Item no.: 210-123**

Wire commoning chain; insulated; blue

www.wago.com/210-123**Item no.: 2000-408**

Jumper; 8-way; insulated; light gray

www.wago.com/2000-408**Item no.: 2000-407**

Jumper; 7-way; insulated; light gray

www.wago.com/2000-407**Item no.: 2000-409**

Jumper; 9-way; insulated; light gray

www.wago.com/2000-409**Item no.: 2000-408/000-006**

Jumper; 8-way; insulated; blue

www.wago.com/2000-408/000-006**Item no.: 2000-408/000-005**

Jumper; 8-way; insulated; red

www.wago.com/2000-408/000-005**Item no.: 2000-409/000-005**

Jumper; 9-way; insulated; red

www.wago.com/2000-409/000-005**Item no.: 2000-407/000-006**

Jumper; 7-way; insulated; blue

www.wago.com/2000-407/000-006**Item no.: 2000-410**

Jumper; 10-way; insulated; light gray

www.wago.com/2000-410

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

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Item no.: 2000-410/000-006
Jumper; 10-way; insulated; blue

www.wago.com/2000-410/000-006



Item no.: 2000-433/000-005
Jumper; from 1 to 3; insulated; red

www.wago.com/2000-433/000-005



Item no.: 2000-407/000-005
Jumper; 7-way; insulated; red

www.wago.com/2000-407/000-005



Item no.: 2000-433/000-006
Jumper; from 1 to 3; insulated; blue

www.wago.com/2000-433/000-006



Item no.: 2000-410/000-005
Jumper; 10-way; insulated; red

www.wago.com/2000-410/000-005



Item no.: 2000-435
Jumper; from 1 to 5; insulated; light gray

www.wago.com/2000-435



Item no.: 2000-409/000-006
Jumper; 9-way; insulated; blue

www.wago.com/2000-409/000-006



Item no.: 2000-436
Jumper; from 1 to 6; insulated; light gray

www.wago.com/2000-436



Item no.: 2000-433
Jumper; from 1 to 3; insulated; light gray

www.wago.com/2000-433



Item no.: 2000-434
Jumper; from 1 to 4; insulated; light gray

www.wago.com/2000-434



Item no.: 2000-402
Jumper; 2-way; insulated; light gray

www.wago.com/2000-402



Item no.: 2000-402/000-006
Jumper; 2-way; insulated; blue

www.wago.com/2000-402/000-006



Item no.: 2000-403
Jumper; 3-way; insulated; light gray

www.wago.com/2000-403



Item no.: 2000-402/000-005
Jumper; 2-way; insulated; red

www.wago.com/2000-402/000-005



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Item no.: 2000-402/000-018

Jumper; 2-way; insulated; yellow-green

www.wago.com/2000-402/000-018


Item no.: 2000-404

Jumper; 4-way; insulated; light gray

www.wago.com/2000-404


Item no.: 2000-403/000-005

Jumper; 3-way; insulated; red

www.wago.com/2000-403/000-005


Item no.: 2000-404/000-006

Jumper; 4-way; insulated; blue

www.wago.com/2000-404/000-006


Item no.: 2000-403/000-006

Jumper; 3-way; insulated; blue

www.wago.com/2000-403/000-006


Item no.: 2000-404/000-005

Jumper; 4-way; insulated; red

www.wago.com/2000-404/000-005


Item no.: 2000-405

Jumper; 5-way; insulated; light gray

www.wago.com/2000-405


Item no.: 2000-405/011-000

Star point jumper; 3-way; insulated; light gray

www.wago.com/2000-405/011-000


Item no.: 2000-405/000-006

Jumper; 5-way; insulated; blue

www.wago.com/2000-405/000-006


Item no.: 2000-406/000-006

Jumper; 6-way; insulated; blue

www.wago.com/2000-406/000-006


Item no.: 2000-405/000-005

Jumper; 5-way; insulated; red

www.wago.com/2000-405/000-005


Item no.: 2000-406

Jumper; 6-way; insulated; light gray

www.wago.com/2000-406


Item no.: 2000-406/000-005

Jumper; 6-way; insulated; red

www.wago.com/2000-406/000-005

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

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Item no.: 2000-406/020-000
Delta jumper; insulated; light gray

www.wago.com/2000-406/020-000



Item no.: 2000-437
Jumper; from 1 to 7; insulated; light gray

www.wago.com/2000-437



Item no.: 2000-438
Jumper; from 1 to 8; insulated; light gray

www.wago.com/2000-438



Item no.: 2000-439
Jumper; from 1 to 9; insulated; light gray

www.wago.com/2000-439



Item no.: 2000-440
Jumper; from 1 to 10; insulated; light gray

www.wago.com/2000-440



Item no.: 210-103
Wire commoning chain; insulated; black

www.wago.com/210-103

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



Item no.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

www.wago.com/2009-182



Item no.: 2000-510
TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1,00 mm²; gray

www.wago.com/2000-510



Item no.: 2000-511
TOPJOB®S L-type test plug module; modular; for jumper contact slot; 1-pole; 1,00 mm²; gray

www.wago.com/2000-511



Item no.: 2000-549
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

www.wago.com/2000-549



Item no.: 2000-555
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,00 mm²; gray

www.wago.com/2000-555



Item no.: 2000-553
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 1,00 mm²; gray

www.wago.com/2000-553



Item no.: 2000-556
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,00 mm²; gray

www.wago.com/2000-556



Item no.: 2000-558
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 1,00 mm²; gray

www.wago.com/2000-558



Item no.: 2000-559
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,00 mm²; gray

www.wago.com/2000-559



Item no.: 2000-552

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

Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 1,00 mm²; gray

www.wago.com/2000-552**Item no.: 2000-560**

Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 1,00 mm²; gray

www.wago.com/2000-560**Item no.: 2000-554**

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 1,00 mm²; gray

www.wago.com/2000-554**Item no.: 2000-557**

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 1,00 mm²; gray

www.wago.com/2000-557**Item no.: 859-500**

WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 10 mm uninsulated; Test lead for soldering up to 0,5mm²

www.wago.com/859-500**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**Marker****Item no.: 2009-113**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

www.wago.com/2009-113**Item no.: 793-3501**

WMB marking card; as card; plain; snap-on type; white

www.wago.com/793-3501**Coding****Coding****Item no.: 2020-100**

Carrier with 6 coding pins; for coding of female plugs; for carrier terminal blocks; orange

www.wago.com/2020-100**Downloads****Documentation****Bid Text**

Item no.	Date	File type	Size	Action
2020-1201	19 Feb 2019	xml	4.2 kB	Download

X81 - Datei

Item no.	Date	File type	Size	Action
2020-1201	7 Aug 2018	docx	15.4 kB	Download

docx - Datei

Additional Information

File type	Size	Action
pdf	2.2 MB	Download

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CAD/CAE-Data

CAD data

2D/3D Models 2020-1201	URL	Download
CAE data		
WSCAD Universe 2020-1201	URL	Download
ZUKEN Portal 2020-1201	URL	Download
EPLAN Data Portal 2020-1201	URL	Download

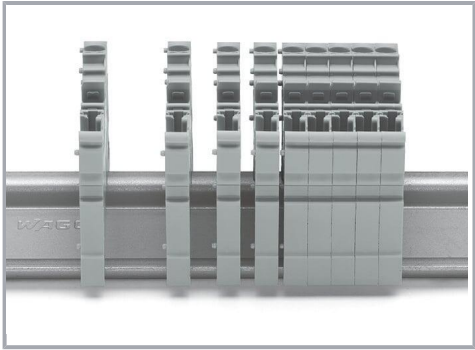
Environmental Product Compliance

Compliance Search

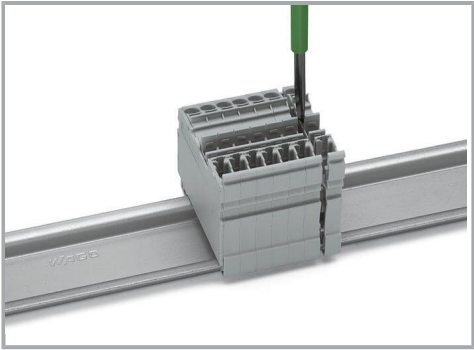
Environmental Product Compliance 2020-1201	URL	Download
1-conductor/1-pin carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; gray		

Installation Notes

Installation



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

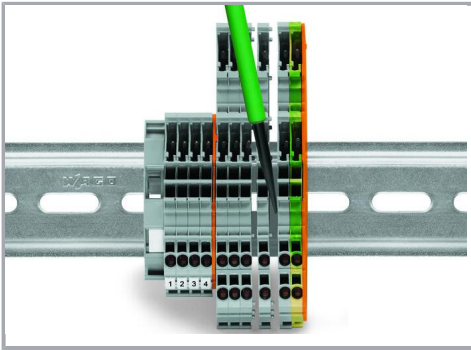


Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).

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

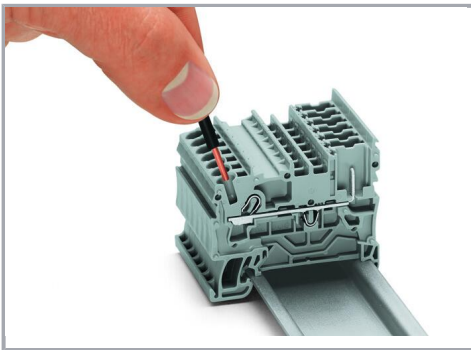
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Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

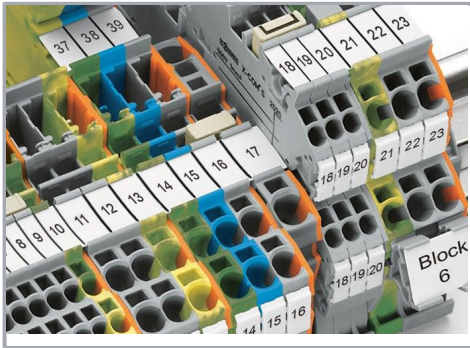
Conductor termination



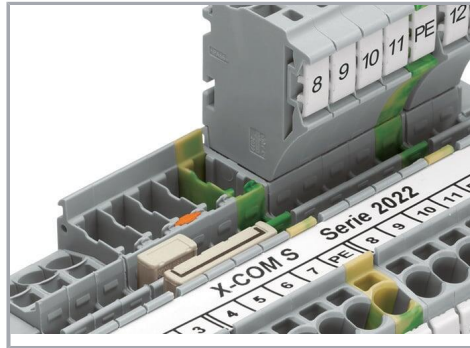
Push-in CAGE CLAMP® enables solid conductors to be connected by simply pushing them into the unit.

Commoning

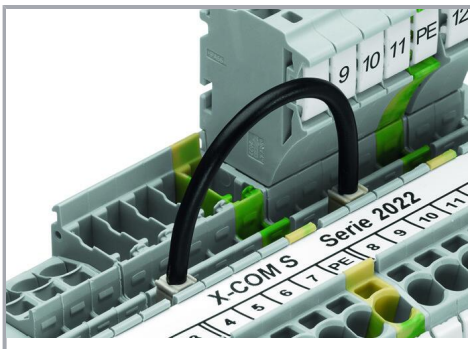
Subject to changes. Please also observe the further product documentation!



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.



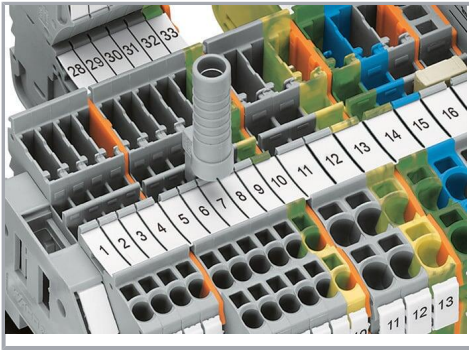
Commoning with push-in type wire jumper.

Testing

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

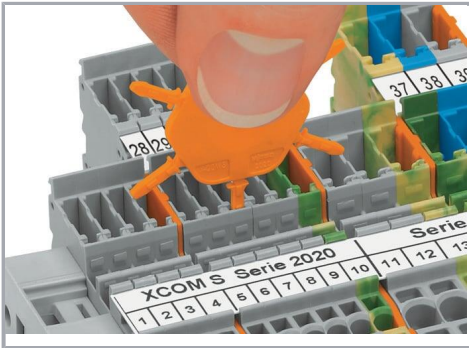
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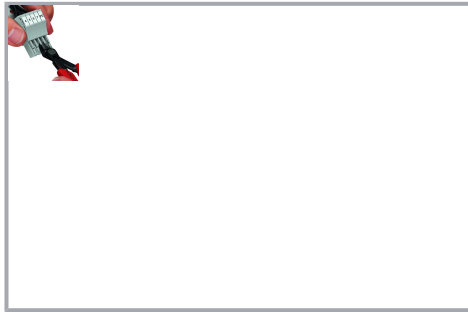


Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.

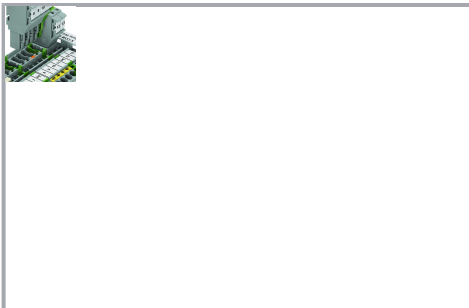
Coding



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

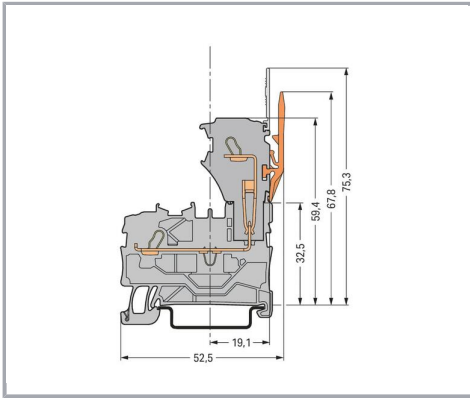


Coding a female plug: remove coding finger using a suitable tool.

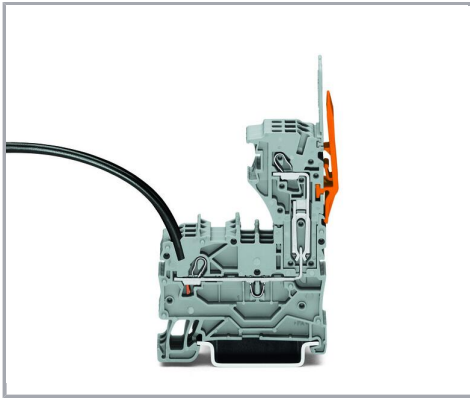


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

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



Carrier terminal block



1-conductor female plug

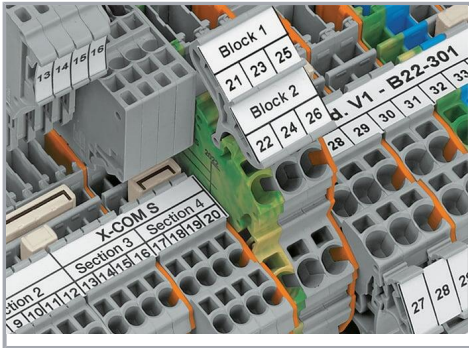
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.

Marking

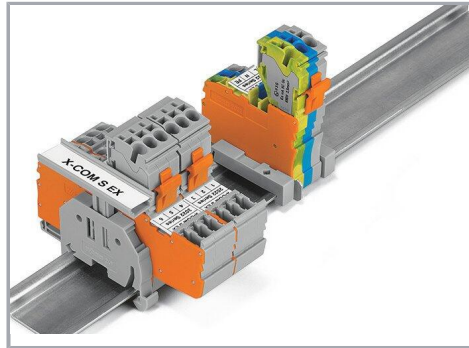
Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.

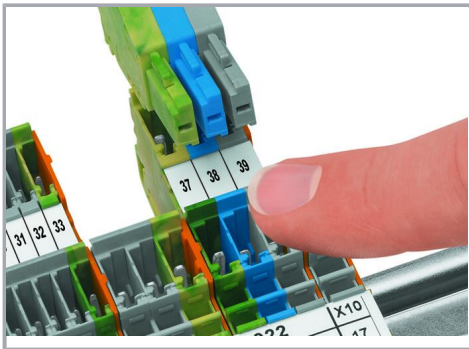


Clear marking via large marking area



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

Security



Carrier terminal blocks and female plugs are touch-proof.

Product family

X-COM S-Mini

[Show all products from the family](#)

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