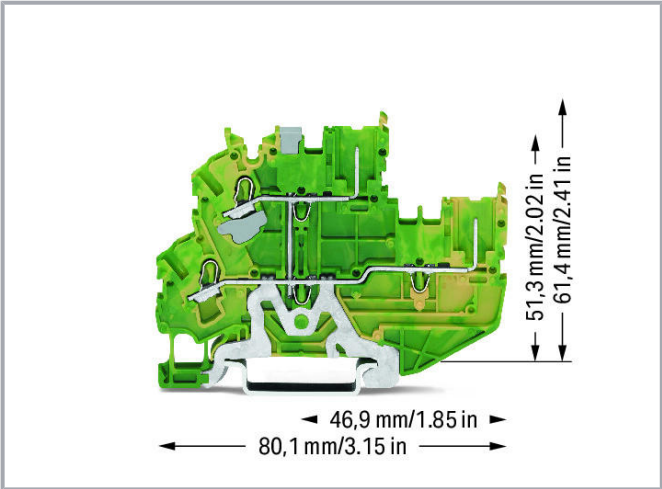


Data sheet | Item number: 2022-2207



2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; 2.5 mm²; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; green-yellow

www.wago.com/2022-2207



Data
Electrical data

Ratings per IEC/EN

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

Connection data

Total number of connection points	2
Total number of potentials	1
Number of levels	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool

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

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	Push-in
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm ² / 18 ... 14 AWG
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	10 ... 12 mm / 0.39 ... 0.47 inch
Wiring direction	Front-entry wiring

Physical data

Width	5.2 mm / 0.205 inch
Height	80.1 mm / 3.154 inch
Depth from upper edge of DIN-rail	51.3 mm / 2.02 inch

Mechanical data

Potentialkennzeichnung	PE
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

Material data

Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.25 MJ
Weight	14.9 g

Commercial data

Product Group	18 (X-COM-System)
PU (SPU)	50 Stück
Packaging type	box
Country of origin	CN
GTIN	4055143265799

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

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Customs tariff number

85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	2437422
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 116567

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

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

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

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

Required accessories

End plate

End plate



Item no.: 2022-2291

End and intermediate plate; 1 mm thick; gray

www.wago.com/2022-2291



Item no.: 2022-2292

End and intermediate plate; 1 mm thick; orange

www.wago.com/2022-2292

Optional accessories

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



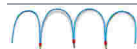
Item no.: 859-500

Test pin; 1 mm Ø; with solder connection for test wire

www.wago.com/859-500

Jumpers

Jumper



Item no.: 210-123

Wire commoning chain; insulated; blue

www.wago.com/210-123



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

Jumper; 3-way; insulated; light gray

www.wago.com/2002-403



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	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

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

**Item no.: 2002-408**

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

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

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	Item no.: 2002-423 Continuous jumper; from 1 to 3; insulated; light gray	www.wago.com/2002-423
	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

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

**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**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**

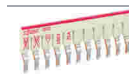
Staggered jumper; 10-way; insulated; light gray

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**

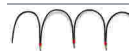
Staggered jumper; insulated; light gray

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**Item no.: 210-103**

Wire commoning chain; insulated; black

www.wago.com/210-103

Insulation stop

Insulation stop

Item no.: 2002-171Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/2002-171**Item no.: 2002-172**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.wago.com/2002-172

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

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

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**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**Carrier rail**

Mounting accessories

**Item no.: 210-197**

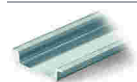
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

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.: 210-504**

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

www.wago.com/210-504**Item no.: 210-505**

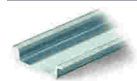
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-505**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-506**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-508**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

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

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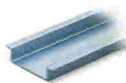
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silver-colored

**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**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 carrier

**Item no.: 2009-198**

Adaptor; gray

www.wago.com/2009-198**Item no.: 2002-121**

Adaptor; gray

www.wago.com/2002-121**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

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

Group marker carrier

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

Group marker carrier

www.wago.com/2009-191**Ferrule**

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

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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
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
	Item no.: 216-263 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/216-263
	Item no.: 216-246 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-246
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-266
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-284
	Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-286
	Item no.: 216-262 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/216-262

Coding

Coding



Item no.: 2022-100
Carrier with 6 coding pins; for coding of female plugs; orange

www.wago.com/2022-100

Protective warning marker

Cover

Item no.: 2002-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

www.wago.com/2002-115

Tool

Operating tool

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



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**

2022-2207 docx - Datei	2019. 5. 14.	docx 15.6 kB	Download
2022-2207 X81 - Datei	2019. 2. 19.	xml 4.0 kB	Download

Additional Information

		pdf 81.0 kB	Download
Technical explanations		pdf 2.2 MB	Download

CAD/CAE-Data**CAE data**

EPLAN Data Portal 2022-2207	URL	Download
WSCAD Universe 2022-2207	URL	Download
ZUKEN Portal 2022-2207	URL	Download

CAD data

2D/3D Models 2022-2207	URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 2022-2207 2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; 2.5 mm ² ; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm ² ; green-yellow	URL	Download
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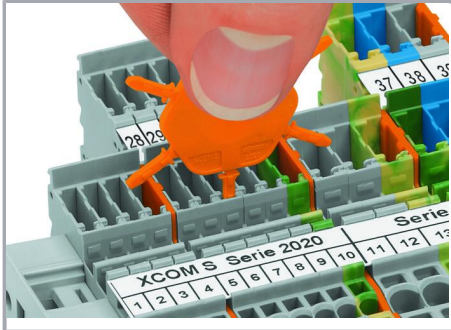
Subject to changes. Please also observe the further product documentation!

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Installation Notes

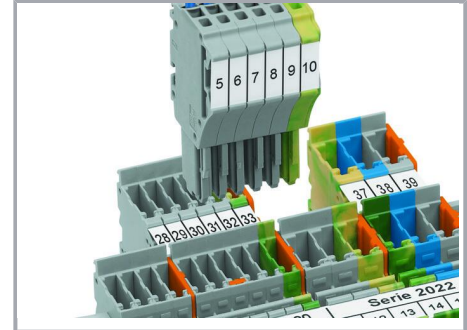
Coding



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



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



Insert coded female plug into X-COM®S-SYSTEM terminal block assembly.



1-conductor female plug

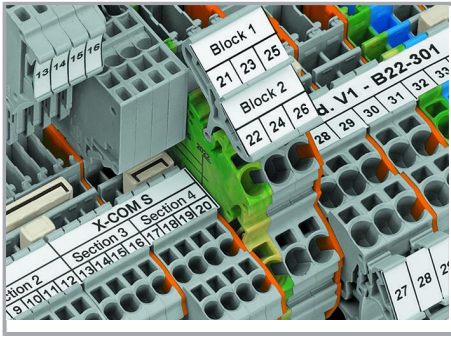
Double-deck carrier terminal blocks can be commoned via 2002 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.

Marking

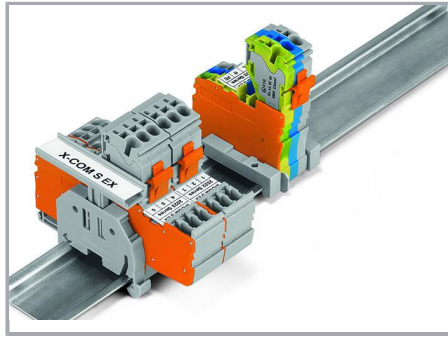
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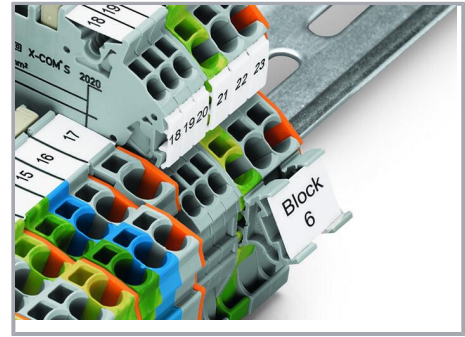
Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Clear marking via large marking area



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



Marking via marker carrier (2009-198)

Product family

X-COM S

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