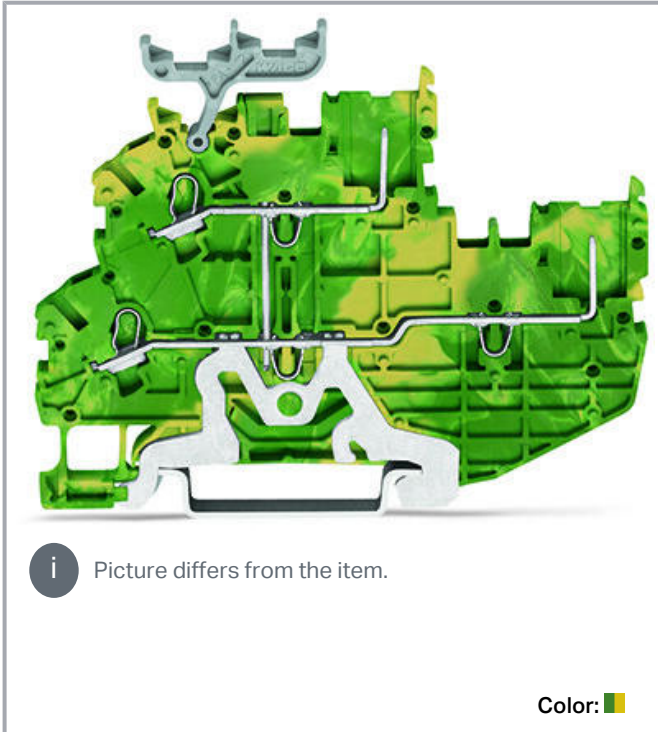


Data sheet | Item number: 2020-2207

2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow



www.wago.com/2020-2207



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®

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

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Email: info.de@wago.com | Web: www.wago.com

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Actuation type	Operating tool Push-in
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
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 inch
Wiring direction	Front-entry wiring

Physical data

Width	3.5 mm / 0.138 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	0.181 MJ
Weight	10.7 g

Commercial data

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

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




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GTIN	4050821049517
Customs tariff number	85366990990

Approvals / Certificates

Country specific 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

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 UL International Germany GmbH	UL 1059	E45172

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



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.: 2020-2291

End and intermediate plate; 1 mm thick; gray

www.wago.com/2020-2291



Item no.: 2020-2292

End and intermediate plate; 1 mm thick; orange

www.wago.com/2020-2292

Optional accessories

Push-in type wire jumper

Jumper



Item no.: 2009-404

Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; gray

www.wago.com/2009-404



Item no.: 2009-402

Push-in type wire jumper; 0.75 mm²; insulated; 60 mm long; gray

www.wago.com/2009-402



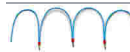
Item no.: 2009-406

Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; gray

www.wago.com/2009-406

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

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	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
	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

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



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



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

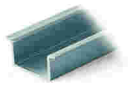
Subject to changes. Please also observe the further product documentation!

	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
	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
Protective warning marker		
Cover		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/2000-115
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

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

	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
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
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 mm ² ; 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
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

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



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

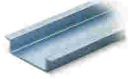
www.wago.com/210-114



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

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.: 2000-121

Adaptor; gray

www.wago.com/2000-121

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

2020-2207	2019. 2. 19.	xml	Download
X81 - Datei		4.2 kB	

2020-2207	2018. 8. 7.	docx	Download
docx - Datei		15.6 kB	

Additional Information

[pdf](#) Download

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Technical explanations	81.0 kB pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2020-2207	URL	Download
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CAE data

WSCAD Universe 2020-2207	URL	Download
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ZUKEN Portal 2020-2207	URL	Download
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EPLAN Data Portal 2020-2207	URL	Download
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Environmental Product Compliance

Compliance Search

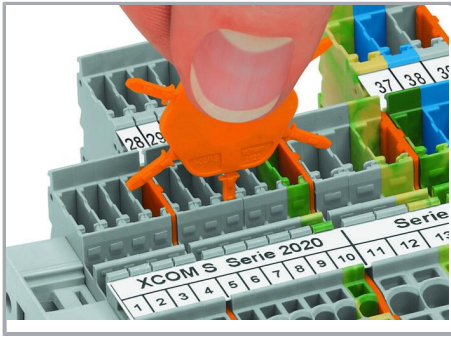
Environmental Product Compliance 2020-2207	URL	Download
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2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

Installation Notes

Coding

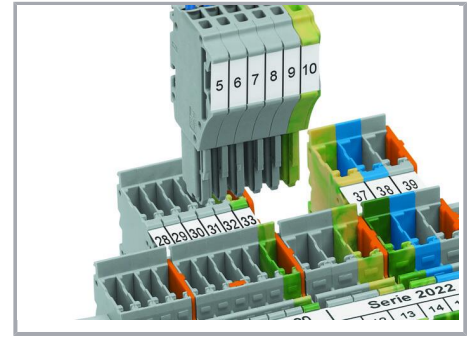
Subject to changes. Please also observe the further product documentation!



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



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



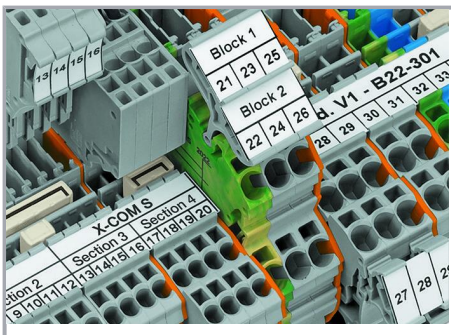
Insert coded female plug into X-COM®S-SYSTEM terminal block assembly.



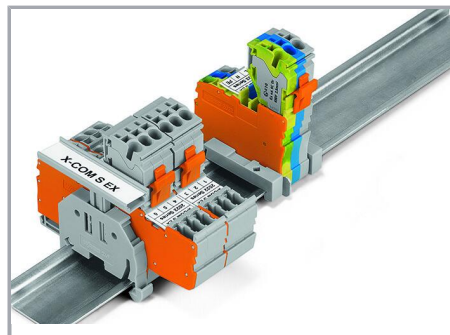
1-conductor female plug

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

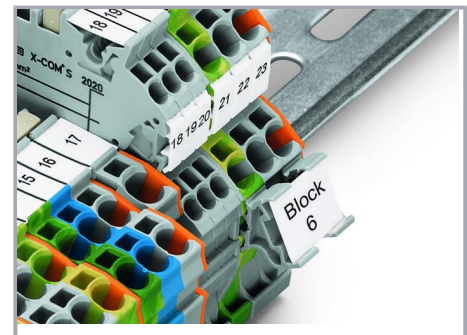
Marking



Clear marking via large marking area



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



Marking via marker carrier (2009-198)

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



Product family

X-COM S-Mini

[Show all products from the family](#)

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

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