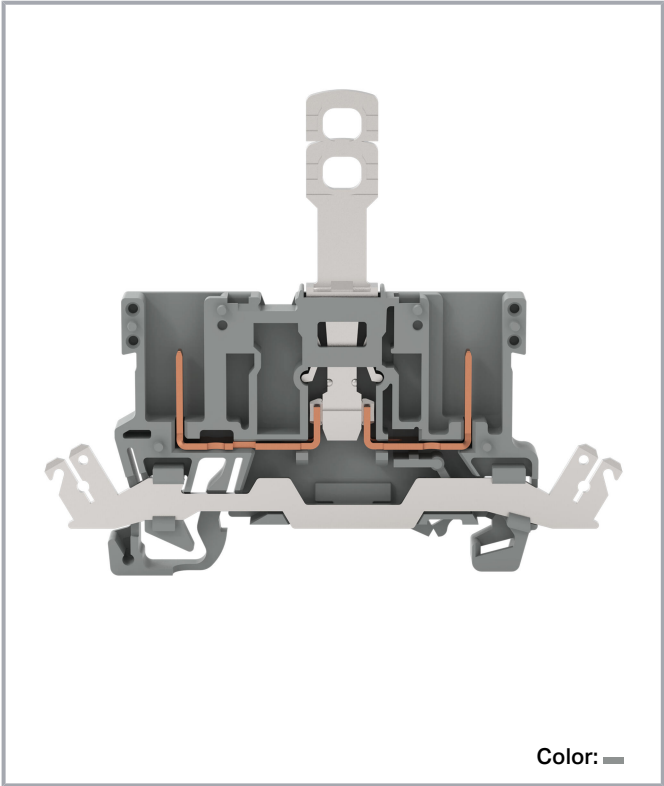


Data sheet | Item number: 769-223
2-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/769-223



Data

Notes

Safety information	2-conductor female plugs cannot be used.
--------------------	--

Electrical data

Ratings per IEC/EN

Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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

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Power Loss

Rated current I_N for specified power loss	16 A
--	------

Connection data

Total number of potentials	1
Number of levels	1

Connection 1

Wiring direction	Front-entry wiring
------------------	--------------------

Physical data

Width	5 mm / 0.197 inches
Height	71.5 mm / 2.815 inches
Depth from upper-edge of DIN-rail	28.5 mm / 1.122 inches

Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center 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	0.112 MJ
Weight	7.3 g

Environmental requirements

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

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

Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-14-11-26
eCl@ss 9.0	27-14-11-26
ETIM 8.0	EC000902
ETIM 7.0	EC000902
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821107408
Customs tariff number	85365080900

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-7626
	CSA CSA Group	C22.2	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
	UL Underwriters Laboratories Inc.	UL 1977	E 45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

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

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

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Counterpart

	Item no.769-101 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray	www.wago.com/769-101
	Item no.769-101/022-000 1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray	www.wago.com/769-101/022-000
	Item no.769-121 2-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; 4,00 mm²; gray	www.wago.com/769-121
	Item no.769-101/141-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 1-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-101/141-000
	Item no.769-103/142-000 1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 3-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray	www.wago.com/769-103/142-000
	Item no.769-105/143-000	www.wago.com/769-105/143-000

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1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 5-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray 105/143-000

**Item no.769-102/142-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 2-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-102/142-000

**Item no.769-104/143-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 4-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-104/143-000

**Item no.769-106/144-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 6-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-106/144-000

**Item no.769-107/144-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 7-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-107/144-000

**Item no.769-108/144-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 8-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-108/144-000

**Item no.769-109/144-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 9-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-109/144-000

**Item no.769-110/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-110/145-000

**Item no.769-111/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 11-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-111/145-000

**Item no.769-113/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 13-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-113/145-000

**Item no.769-112/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-112/145-000

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**Item no. 769-114/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 14-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-114/145-000

**Item no. 769-115/145-000**

1-conductor female connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 15-pole; coding finger; Centered locking levers; Strain relief plate; 4,00 mm²; gray

www.wago.com/769-115/145-000

Required accessories**End plate**

End plate

**Item no.: 769-305**

End and intermediate plate; 1.1 mm thick; gray

www.wago.com/769-305

**Item no.: 769-306**

End and intermediate plate; 1.1 mm thick; orange

www.wago.com/769-306

Optional accessories**Marking accessories**

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.: 248-501**

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

www.wago.com/248-501

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

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

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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



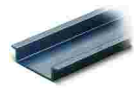
Item no.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored www.wago.com/210-112



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



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

Lock-out

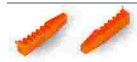
Locking system



Item no.: 709-170
Disconnect lock; for disconnect tab used on 280/281 and 769 Series disconnect terminal blocks; red www.wago.com/709-170

Coding

Coding



Item no.: 769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange www.wago.com/769-435

Cover

Cover



Item no.: 769-438
Pin cover; with marker slot for miniature WSB; gray www.wago.com/769-438



Item no.: 769-439
Pin cover; with marker slot for miniature WSB; orange www.wago.com/769-439

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**Mounting**

Mounting accessories

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

www.wago.com/209-106**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/249-116**Downloads****Documentation****Bid Text**

769-223	2019 Feb 19	xml	Download
X81 - Datei		3.0 kB	

769-223	2017 Oct 2	doc	Download
doc - Datei		24.6 kB	

Additional Information

pdf
2.3 MB

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CAD/CAE-Data**CAD data**

2D/3D Models 769-223	URL	Download
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CAE data

EPLAN Data Portal 769-223	URL	Download
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ZUKEN Portal 769-223	URL	Download
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Asset Administration Shell

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-223

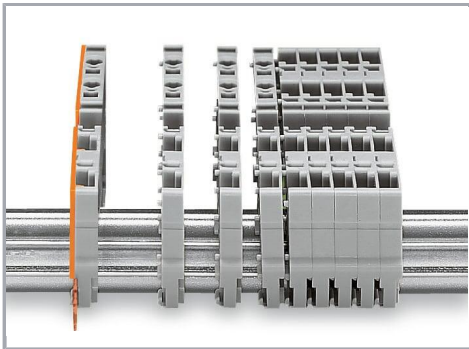
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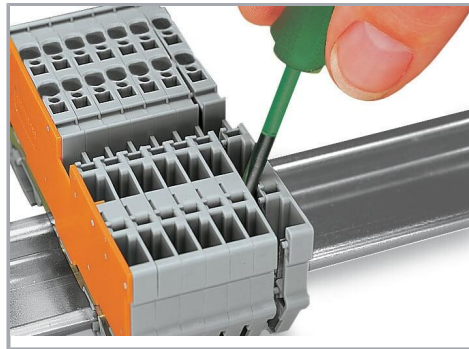
2-pin disconnect carrier terminal block; with shield contact; for DIN-rail 35 x 15 and 35 x 7.5; gray

Installation Notes

Installation

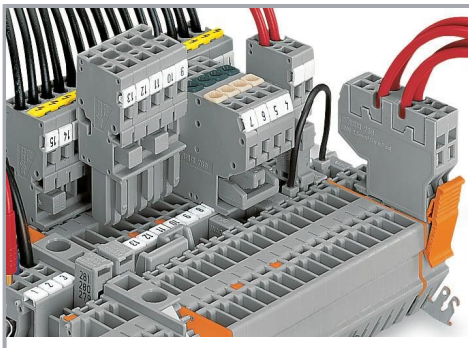


Snap individual carrier terminal blocks onto the DIN-rail and slide together.

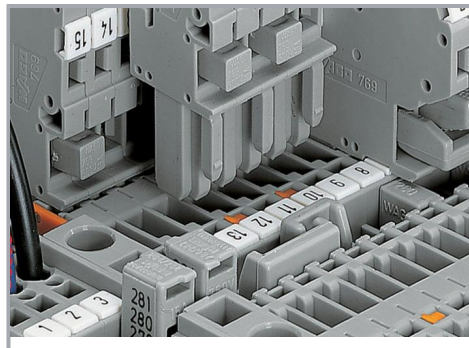


Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

Commoning

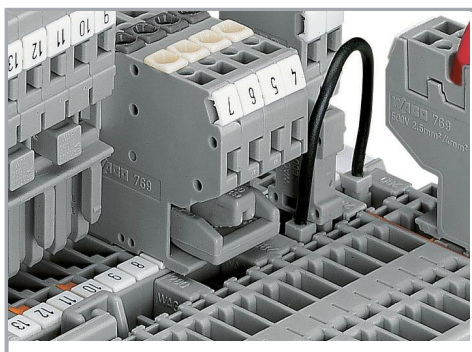


Commoning with adjacent or staggered jumpers.
Push jumpers down until fully inserted.

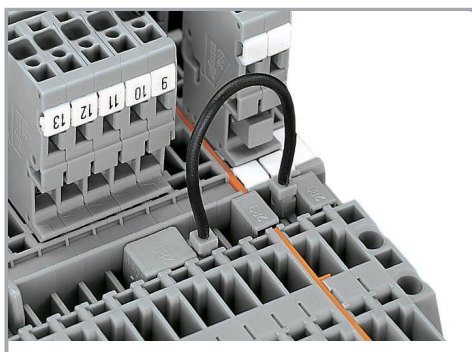


Commoning carrier terminal blocks via staggered jumpers.

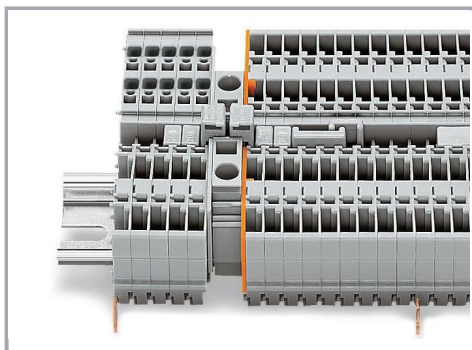
Subject to changes. Please also observe the further product documentation!



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.

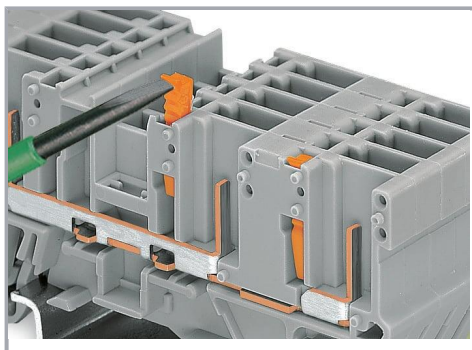


Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.



Commoning "supply terminal blocks" (up to 10 mm²/8 AWG) with carrier terminal blocks via step-down jumpers.

Coding



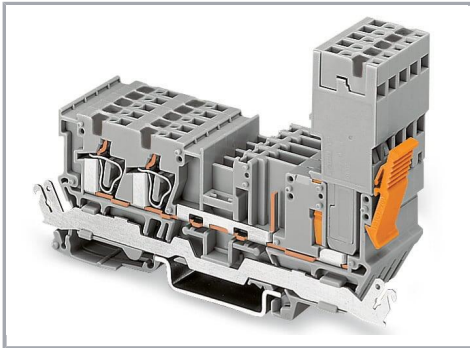
Snap coding pin in proper direction on carrier terminal block.
Shown: Coding pin removal from carrier terminal block.

Locking system

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

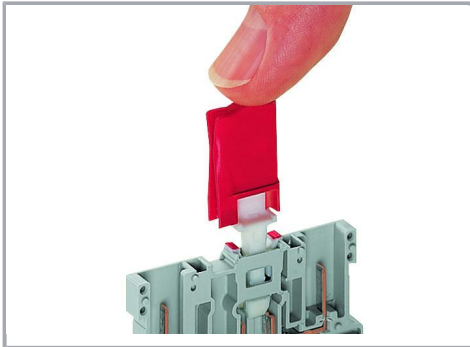
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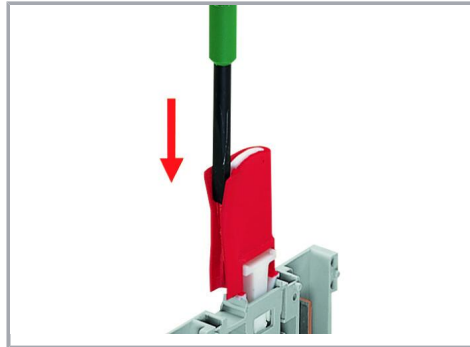


Securing a female plug via locking lever on the terminal block side.

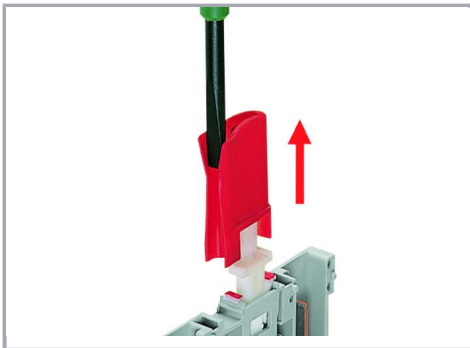
Security



Installing a disconnect lock on the terminal block's disconnect tab.



Unlocking a disconnect lock.



Removing a disconnect lock.

Product family

X-COM

[Show all products from the family](#)

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