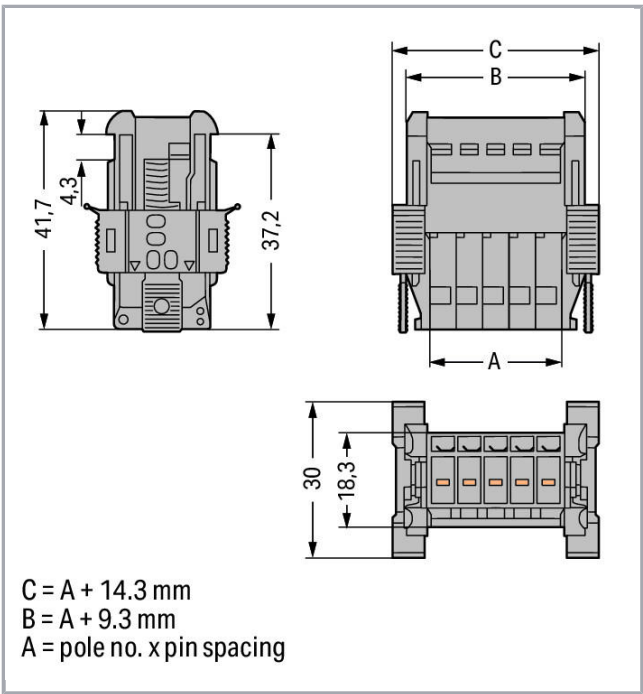
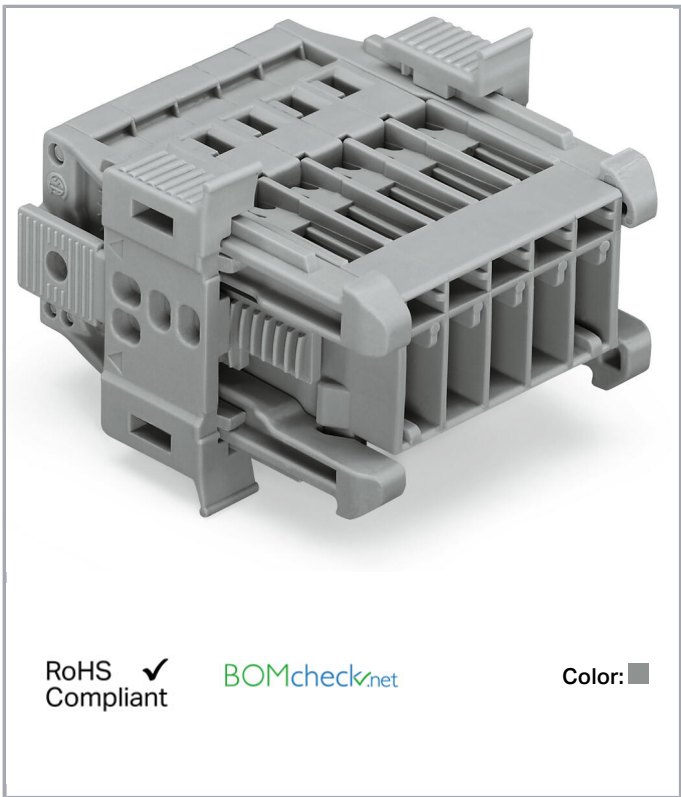


Data sheet | Item number: 769-610/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

www.wago.com/769-610/006-000



RoHS Compliant

BOMcheck.net

Color:

Data
Electrical data

Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper

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

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Nominal cross-section	4 mm ²
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole No.	10
Total number of connection points	10
Total number of potentials	10
Wiring type	Side-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	64.3 mm / 2.531 inch
Height	30 mm / 1.181 inch
Depth	41.7 mm / 1.642 inch

Mechanical data

Mounting type	Snap-in
---------------	---------

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor

Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0.723 MJ
Weight	34.1 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4045454917074
Customs tariff number	85366990990

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Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171
	UR Underwriters Laboratories Inc.	UL 1059	20190731-E45172

Counterpart

Compatible products

Protective Warning Marker



Item no.: 280-415
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

www.wago.com/280-415

Insulation stop

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

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**Item no.: 769-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; whitewww.wago.com/769-470**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/769-471**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark graywww.wago.com/769-472**Coding****Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange

www.wago.com/769-435**Female plug****Item no.: 769-101**1-conductor female plug; 4 mm²; 1-pole; 4,00 mm²; graywww.wago.com/769-101**Item no.: 769-101/000-016**1-conductor female plug; 4 mm²; 1-pole; 4,00 mm²; green-yellowwww.wago.com/769-101/000-016**Item no.: 769-102**1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; graywww.wago.com/769-102**Item no.: 769-102/000-036**1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-102/000-036**Item no.: 769-102/000-037**1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-102/000-037**Item no.: 769-103**1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; graywww.wago.com/769-103**Item no.: 769-103/000-036**1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-103/000-036**Item no.: 769-103/000-037**1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-103/000-037**Item no.: 769-103/000-038**1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-103/000-038**Item no.: 769-103/000-039**1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-103/000-039**Item no.: 769-104**1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; graywww.wago.com/769-104

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

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**Item no.: 769-104/000-036**1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-104/000-036**Item no.: 769-104/000-037**1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-104/000-037**Item no.: 769-104/000-038**1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-104/000-038**Item no.: 769-104/000-039**1-conductor female plug; 4 mm²; 4-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-104/000-039**Item no.: 769-105**1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; graywww.wago.com/769-105**Item no.: 769-105/000-036**1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-105/000-036**Item no.: 769-105/000-037**1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-105/000-037**Item no.: 769-105/000-038**1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-105/000-038**Item no.: 769-105/000-039**1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-105/000-039**Item no.: 769-106**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; graywww.wago.com/769-106**Item no.: 769-106/000-006**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; bluewww.wago.com/769-106/000-006**Item no.: 769-106/000-036**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-106/000-036**Item no.: 769-106/000-037**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-106/000-037**Item no.: 769-106/000-038**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-106/000-038

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**Item no.: 769-106/000-039**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-106/000-039**Item no.: 769-107**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; graywww.wago.com/769-107**Item no.: 769-107/000-036**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-107/000-036**Item no.: 769-107/000-037**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-107/000-037**Item no.: 769-107/000-038**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-107/000-038**Item no.: 769-107/000-039**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-107/000-039**Item no.: 769-108**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; graywww.wago.com/769-108**Item no.: 769-108/000-036**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-108/000-036**Item no.: 769-108/000-037**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-108/000-037**Item no.: 769-108/000-038**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, blue, green-yellowwww.wago.com/769-108/000-038**Item no.: 769-108/000-039**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, blue, graywww.wago.com/769-108/000-039**Item no.: 769-109**1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; graywww.wago.com/769-109**Item no.: 769-109/000-036**1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; gray, green-yellowwww.wago.com/769-109/000-036**Item no.: 769-109/000-037**1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; green-yellow, graywww.wago.com/769-109/000-037

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**Item no.: 769-109/000-038**

1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-109/000-038**Item no.: 769-109/000-039**

1-conductor female plug; 4 mm²; 9-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-109/000-039**Item no.: 769-110**

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray

www.wago.com/769-110**Item no.: 769-110/000-036**

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray, green-yellow

www.wago.com/769-110/000-036**Item no.: 769-110/000-037**

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; green-yellow, gray

www.wago.com/769-110/000-037**Item no.: 769-110/000-038**

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; gray, blue, green-yellow

www.wago.com/769-110/000-038**Item no.: 769-110/000-039**

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; green-yellow, blue, gray

www.wago.com/769-110/000-039**Item no.: 769-110/021-000**

1-conductor female plug; Locking lever; 4 mm²; 10-pole; 4,00 mm²; gray

www.wago.com/769-110/021-000**Item no.: 769-121**

2-conductor female connector; 4 mm²; 1-pole; 4,00 mm²; gray

www.wago.com/769-121**Item no.: 769-121/000-016**

2-conductor female connector; 4 mm²; 1-pole; 4,00 mm²; green-yellow

www.wago.com/769-121/000-016**Item no.: 769-122**

2-conductor female connector; 4 mm²; 2-pole; 4,00 mm²; gray

www.wago.com/769-122**Item no.: 769-123**

2-conductor female connector; 4 mm²; 3-pole; 4,00 mm²; gray

www.wago.com/769-123**Item no.: 769-124**

2-conductor female connector; 4 mm²; 4-pole; 4,00 mm²; gray

www.wago.com/769-124**Item no.: 769-125**

2-conductor female connector; 4 mm²; 5-pole; 4,00 mm²; gray

www.wago.com/769-125**Item no.: 769-126**

2-conductor female connector; 4 mm²; 6-pole; 4,00 mm²; gray

www.wago.com/769-126

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

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**Item no.: 769-127**

2-conductor female connector; 4 mm²; 7-pole; 4,00 mm²; gray

www.wago.com/769-127**Item no.: 769-128**

2-conductor female connector; 4 mm²; 8-pole; 4,00 mm²; gray

www.wago.com/769-128**Item no.: 769-129**

2-conductor female connector; 4 mm²; 9-pole; 4,00 mm²; gray

www.wago.com/769-129**Item no.: 769-130**

2-conductor female connector; 4 mm²; 10-pole; 4,00 mm²; gray

www.wago.com/769-130**Strain relief plate****Item no.: 769-410**

Strain relief plate; gray

www.wago.com/769-410**Item no.: 769-414**

Strain relief plate; gray

www.wago.com/769-414**Marking accessories****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.: 2009-145/000-002**

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

www.wago.com/2009-145/000-002**Item no.: 2009-145/000-005**

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

www.wago.com/2009-145/000-005**Item no.: 2009-145/000-006**

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

www.wago.com/2009-145/000-006**Item no.: 2009-145/000-007**

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

www.wago.com/2009-145/000-007**Item no.: 2009-145/000-012**

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

www.wago.com/2009-145/000-012**Item no.: 2009-145/000-023**

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

www.wago.com/2009-145/000-023**Item no.: 2009-145/000-024**

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

www.wago.com/2009-145/000-024**Item no.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

www.wago.com/210-831

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

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Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

www.wago.com/210-832



Item no.: 210-833
Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

www.wago.com/210-833



Item no.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

www.wago.com/210-834



Item no.: 248-501
Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

www.wago.com/248-501



Item no.: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

www.wago.com/248-501/000-002



Item no.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

www.wago.com/248-501/000-005



Item no.: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

www.wago.com/248-501/000-006



Item no.: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

www.wago.com/248-501/000-007



Item no.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

www.wago.com/248-501/000-012



Item no.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

www.wago.com/248-501/000-017



Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/248-501/000-023



Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/248-501/000-024

ferrule



Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-101



Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-102



Item no.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103

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

	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206
tools		
	Item no.: 210-490 Operating tool	www.wago.com/210-490
	Item no.: 769-434 Push-button; loose	www.wago.com/769-434

Downloads

Documentation

Bid Text

769-610/006-000 doc - Datei	Oct 4, 2017	doc 25.6 kB	Download
769-610/006-000 GAEB X81 - Datei	Feb 19, 2019	xml 3.2 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 769-610/006-000	URL	Download
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CAE data

EPLAN Data Portal 769-610/006-000	URL	Download
WSCAD Universe 769-610/006-000	URL	Download

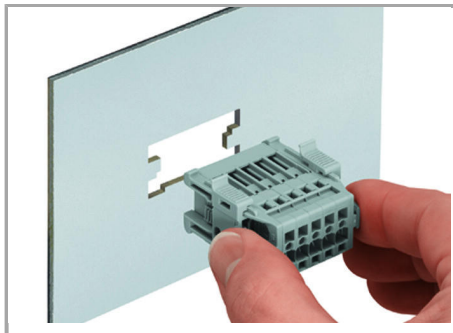
Subject to changes. Please also observe the further product documentation!

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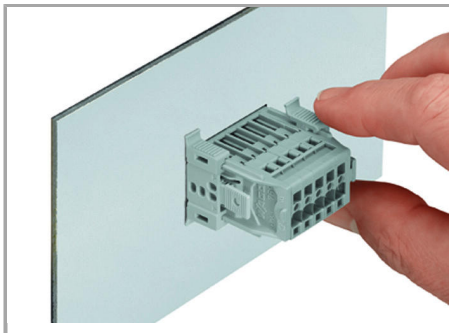
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Installation Notes

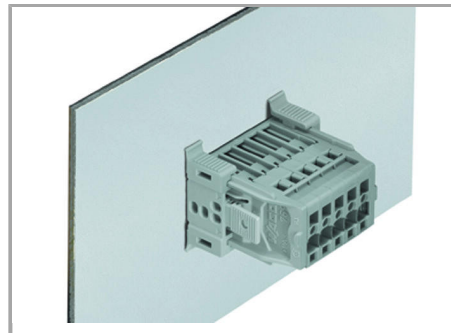
Assembly



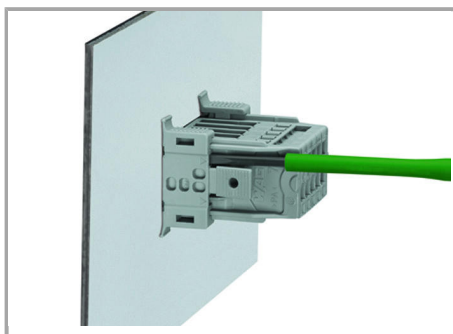
Insert male connector with snap-in flanges (769-605/006-000) into the cutout.



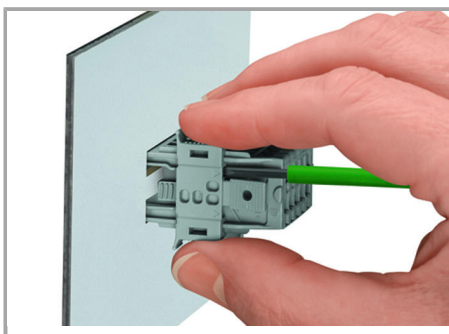
Secure the snap-in flange.



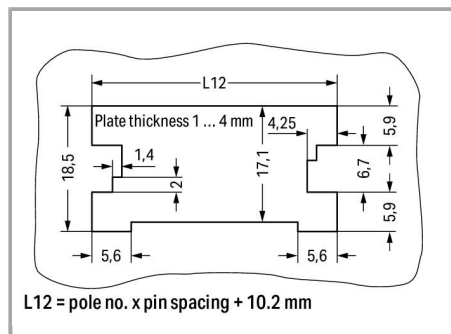
Male connector with snap-in flanges (769-605/006-000) into the cutout



For removal, insert operating tool (2.5 mm blade) into release slot.



Press center part on both the top and bottom of the connector. Then remove snap-in flange.

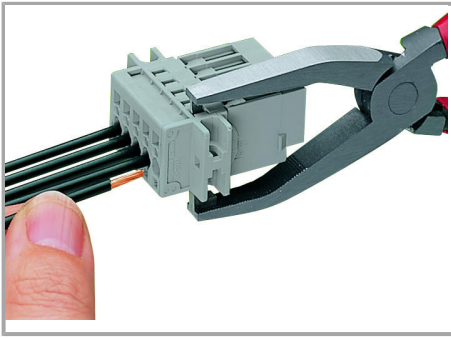


Sheet metal cutout (for female plugs without locking levers)

Male connectors with CAGE CLAMP® connection (769-6xx/006-000) and snap-in flanges

Inserting a conductor

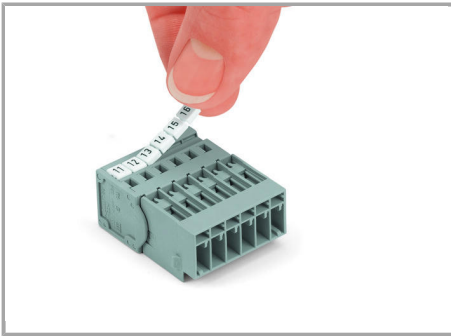
Subject to changes. Please also observe the further product documentation!



Operating tool

Inserting a conductor via operating tool
(example shows a male connector).

Marking



Labeling a male connector with
CAGE CLAMP® connection via Mini-WSB
quick markers.

Product family

X-COM

[Show all products from the family](#)

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