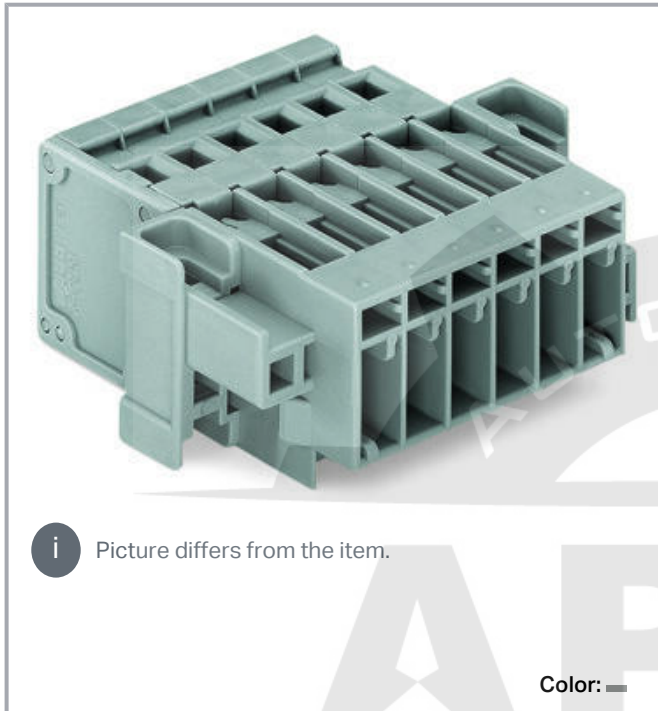


Data sheet | Item number: 769-610/004-000

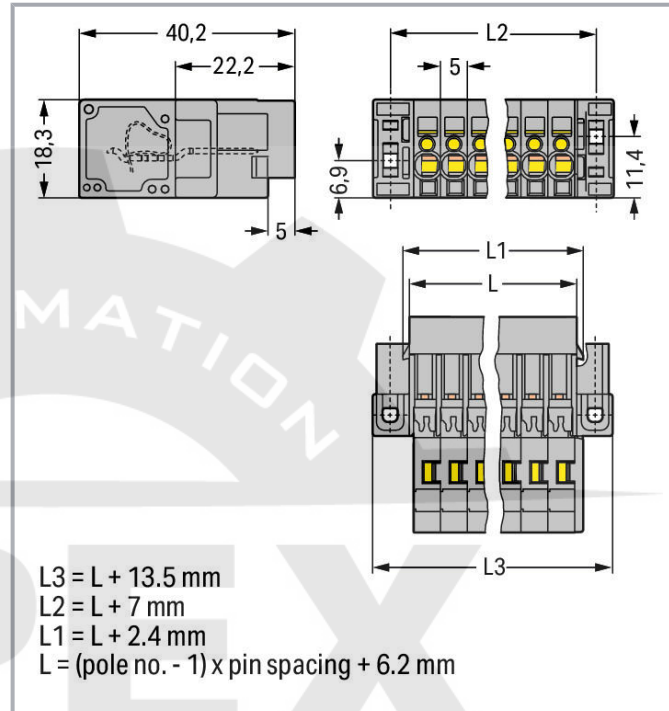
X-COM® through-panel connector (male); CAGE CLAMP® connection; 10-pole; pole spacing 5 mm / 0.197 in; with fixing flanges for parallel or perpendicular mounting

www.wago.com/769-610_004-000



i Picture differs from the item.

Color: —



Data

Electrical data

IEC Approvals

Rated voltage (III / 3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) $\triangleq$ 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 direction	Front-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inch
Width	64.7 mm / 2.547 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	40.2 mm / 1.583 inch

Mechanical data

Mounting type	Feedthrough flange
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Plug-in connection

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

Material data

Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.612 MJ
Weight	30.4 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918521611
Customs tariff number	8536694040

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Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799 /A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

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

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Optional accessories

Strain relief

	Item no.: 769-414 Strain relief plate; gray	www.wago.com/769-414
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Tools

	Item no.: 210-490 Operating tool	www.wago.com/210-490
	Item no.: 769-434 Push-button; loose	www.wago.com/769-434

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
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Insulations stops

	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	www.wago.com/769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	www.wago.com/769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	www.wago.com/769-472

Marking accessories

	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	www.wago.com/210-831
	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 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501

Coding

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

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-101
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Item no.: 216-102

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

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 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored
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
 **Item no.: 216-104**
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored
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

Downloads

Documentation

Bid Text

769-610/004-000	Oct 4, 2017	doc	Download
doc - Datei		25.6 kB	

769-610/004-000	Feb 19, 2019	xml	Download
X81 - Datei		3.3 kB	

Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
		2.2 MB	

CAD files

CAD data

2D/3D Models 769-610/004-000	URL	Download
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CAE data

EPLAN Data Portal 769-610/004-000	URL	Download
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Subject to changes. Please also observe the further product documentation!

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WSCAD Universe 769-610/004-000	URL	Download
ZUKEN Portal 769-610/004-000	URL	Download
WSCAD Universe 769-610/004-000	URL	Download
EPLAN Data Portal 769-610/004-000	URL	Download

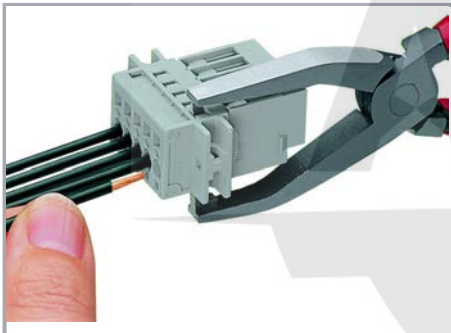
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-610/004-000	URL	Download
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; Feedthrough flange; 4,00 mm²; gray		

Installation Notes

Conductor termination



Operating tool

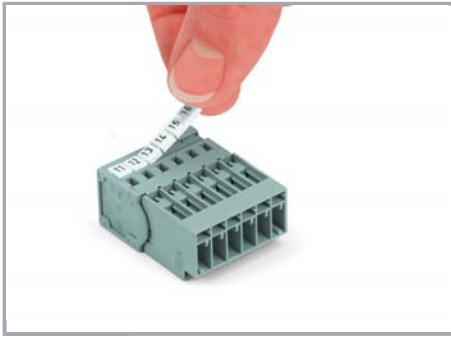
Inserting a conductor via operating tool
(example shows a male connector).

Marking

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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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