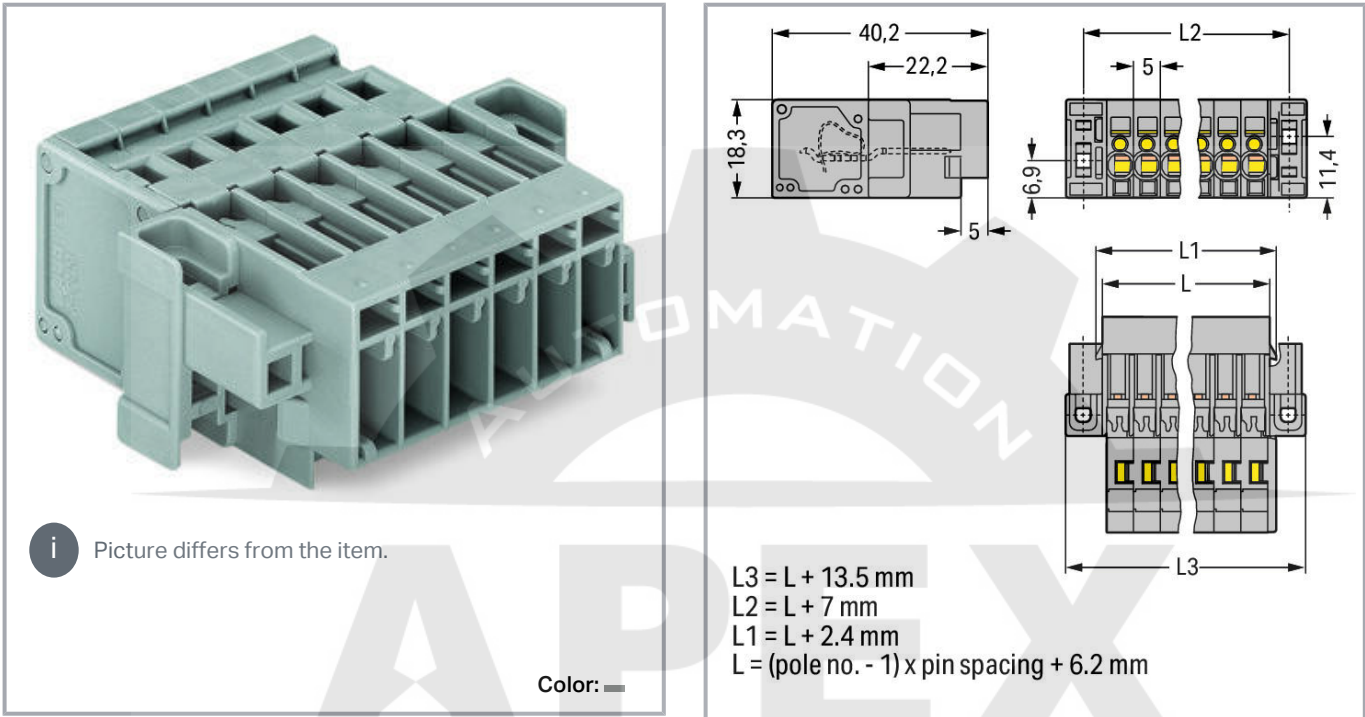


Data sheet | Item number: 769-612/004-000



X-COM® through-panel connector (male); CAGE CLAMP® connection; 12-pole; pole spacing 5 mm / 0.197 in; with fixing flanges for parallel or perpendicular mounting

www.wago.com/769-612_004-000



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) △ 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.	12
Total number of connection points	12
Total number of potentials	12
Wiring direction	Front-entry wiring

Physical data

Pin spacing	5 mm / 0.197 inch
Width	74.7 mm / 2.941 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	0.721 MJ
Weight	36.1 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918521796
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

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

Optional accessories

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

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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Strain relief

	Item no.: 769-414 Strain relief plate; gray	www.wago.com/769-414
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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
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	www.wago.com/216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; silver-colored	www.wago.com/216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue	www.wago.com/216-206

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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Tools

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

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Item no.: 210-490
Operating tool

www.wago.com/210-490



Item no.: 769-434
Push-button; loose

www.wago.com/769-434

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

Downloads

Documentation

Bid Text

Item no.	Date	File type	Size	Action
769-612/004-000	Oct 4, 2017	doc	25.6 kB	Download

Item no.	Date	File type	Size	Action
769-612/004-000	Feb 19, 2019	xml	3.3 kB	Download

Additional Information

Item no.	Date	File type	Size	Action
769-612/004-000	Apr 3, 2019	pdf	2.2 MB	Download

CAD files

CAD data

Item no.	File type	Action
2D/3D Models 769-612/004-000	URL	Download

CAE data

Item no.	File type	Action
EPLAN Data Portal 769-612/004-000	URL	Download

WSCAD Universe 769-612/004-000

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

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	URL	Download
ZUKEN Portal 769-612/004-000	URL	Download
EPLAN Data Portal 769-612/004-000	URL	Download
WSCAD Universe 769-612/004-000	URL	Download

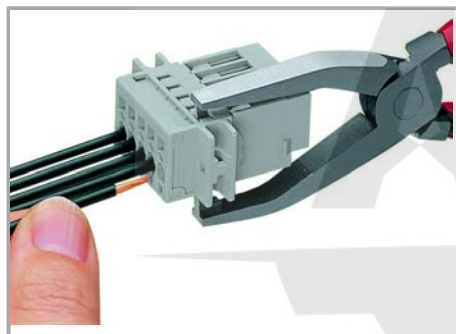
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 769-612/004-000	URL	Download
1-conductor male connector; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 12-pole; Feedthrough flange; 4,00 mm²; gray		

Installation Notes

Conductor termination



Operating tool

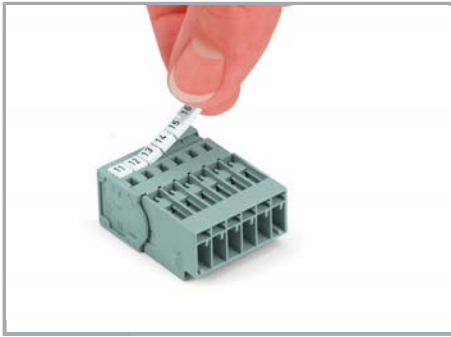
Inserting a conductor via operating tool
(example shows a male connector).

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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