

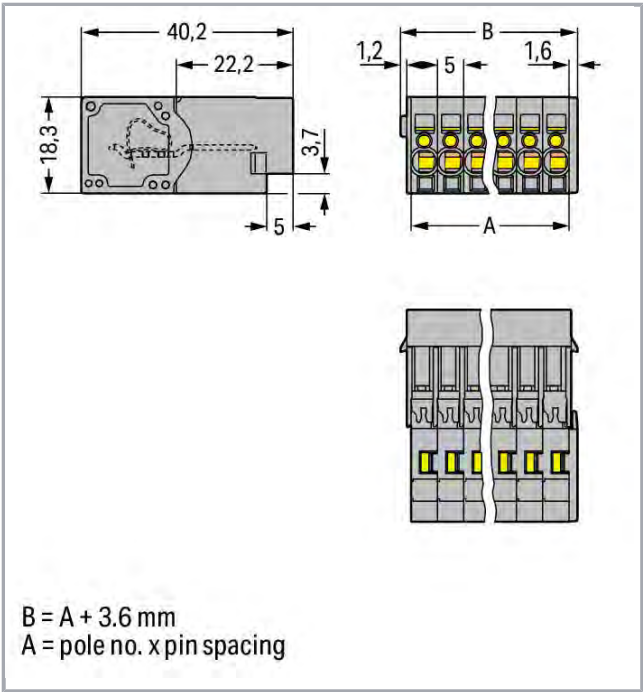
Data sheet | Item number: 769-604
1-conductor male connector; 4 mm²; Pin spacing 5 mm; 4-pole; 4,00 mm²;
gray



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!

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.	4
Total number of connection points	4
Total number of potentials	4
Wiring type	Front-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	23,6 mm / 0.929 inch
Height	18,3 mm / 0.72 inch
Depth	40,2 mm / 1.583 inch

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	0.247 MJ
Weight	12.2 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918520898
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 61984	2190419.02

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

DEKRA Certification B.V.



	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7626
	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 1059	20190731- E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210- E45171

Counterpart

Compatible products

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

Insulation stop



Item no.: 769-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



Item no.: 769-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



Item no.: 769-472
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

tools



Item no.: 210-490
Operating tool



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

Female plug



Item no.: 769-101
1-conductor female plug; 4 mm²; 1-pole; 4,00 mm²; gray



Item no.: 769-101/000-016
1-conductor female plug; 4 mm²; 1-pole; 4,00 mm²; green-yellow



Item no.: 769-101/022-000
1-conductor female plug; angled; 4 mm²; 1-pole; 4,00 mm²; gray



Item no.: 769-101/022-016
1-conductor female plug; angled; 4 mm²; 1-pole; 4,00 mm²; green-yellow



Item no.: 769-102
1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; gray



Item no.: 769-102/000-036
1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; gray, green-yellow



Item no.: 769-102/000-037
1-conductor female plug; 4 mm²; 2-pole; 4,00 mm²; green-yellow, gray



Item no.: 769-103
1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray

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



Item no.: 769-103/000-036

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, green-yellow



Item no.: 769-103/000-037

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, gray



Item no.: 769-103/000-038

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; gray, blue, green-yellow



Item no.: 769-103/000-039

1-conductor female plug; 4 mm²; 3-pole; 4,00 mm²; green-yellow, blue, gray



Item no.: 769-104

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



Item no.: 769-104/000-036

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



Item no.: 769-104/000-037

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



Item no.: 769-104/000-038

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



Item no.: 769-104/000-039

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



Item no.: 769-104/021-000

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



Item no.: 769-121

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



Item no.: 769-122

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



Item no.: 769-123

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



Item no.: 769-124

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

Strain relief plate

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



Item no.: 769-1604
Strain relief housing; gray



Item no.: 769-412
Strain relief plate; gray

Coding



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

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



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



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



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



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



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



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



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



Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



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



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



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

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


Item no.: 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card


Item no.: 248-501/000-002

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


Item no.: 248-501/000-005

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


Item no.: 248-501/000-006

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


Item no.: 248-501/000-007

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


Item no.: 248-501/000-012

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


Item no.: 248-501/000-017

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


Item no.: 248-501/000-023

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


Item no.: 248-501/000-024

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

Protective Warning Marker

Item no.: 280-415

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

ferrule

Item no.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated


Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated


Item no.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated


Item no.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

Item no.: 216-201

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



Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item no.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item no.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item no.: 216-206

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

CAD/CAE-Data

CAD data

2D/3D Models 769-604

CAE data

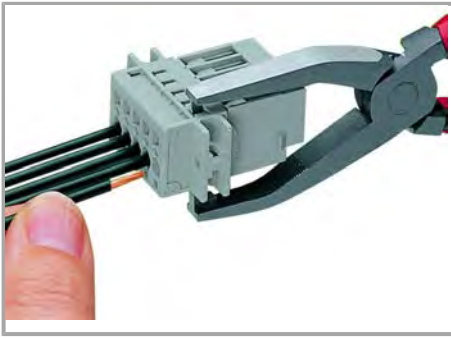
EPLAN Data Portal 769-604

WSCAD Universe 769-604

Installation Notes

Inserting a conductor

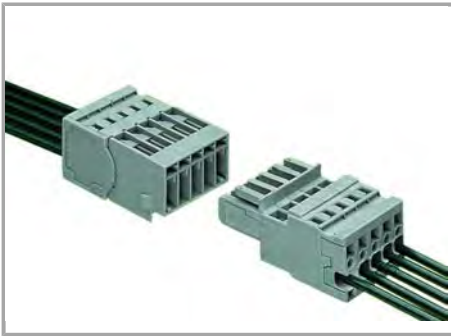
Subject to changes. Please also observe the further product documentation!



Operating tool

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

Application



Male connector with CAGE CLAMP®
connection

1-connector female plug, straight

Marking

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



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

Product family

X-COM

[Show all products from the family](#)

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