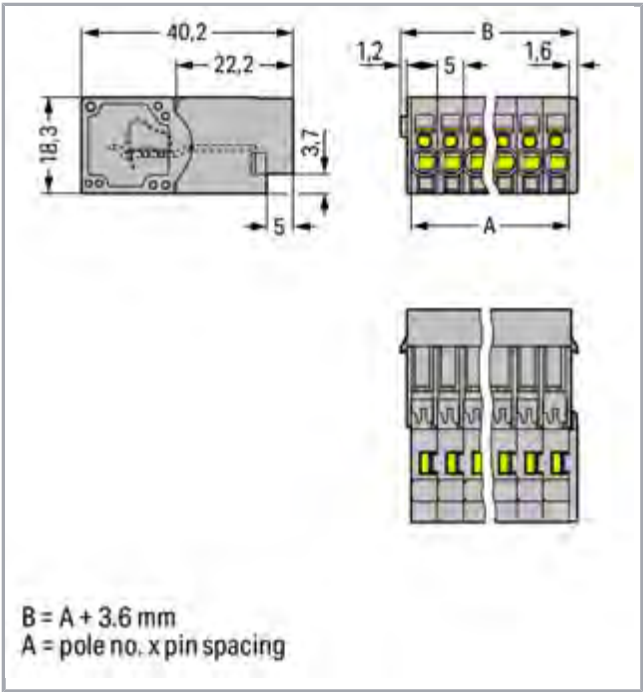


Data sheet | Item number: 769-608
1-conductor male connector; 4 mm²; Pin spacing 5 mm; 8-pole; 4,00 mm²;
gray



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 mm²
Solid conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole No.	8
Total number of connection points	8
Total number of potentials	8
Wiring type	Front-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	43.6 mm / 1.717 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 (PA66)
Fire load	0.466 MJ
Weight	23.4 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918521338
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 60947	NTR NL-

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



DEKRA Certification B.V.

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 1059	20190731-E45172
	UR Underwriters Laboratories Inc.	UL 1977	20151210-E45171

Compatible products

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

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

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



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

Coding



Item no.: 769-435

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

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

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



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



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.: 769-105

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray

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



Item no.: 769-105/000-036

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, green-yellow



Item no.: 769-105/000-037

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, gray



Item no.: 769-105/000-038

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, blue, green-yellow



Item no.: 769-105/000-039

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, blue, gray



Item no.: 769-106

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray



Item no.: 769-106/000-006

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; blue



Item no.: 769-106/000-036

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellow



Item no.: 769-106/000-037

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, gray



Item no.: 769-106/000-038

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellow



Item no.: 769-106/000-039

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, gray



Item no.: 769-107

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray



Item no.: 769-107/000-036

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellow



Item no.: 769-107/000-037

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, gray



Item no.: 769-107/000-038

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellow

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

**Item no.: 769-107/000-039**1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, gray**Item no.: 769-108**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray**Item no.: 769-108/000-036**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, green-yellow**Item no.: 769-108/000-037**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, gray**Item no.: 769-108/000-038**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, blue, green-yellow**Item no.: 769-108/000-039**1-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, blue, gray**Item no.: 769-108/021-000**1-conductor female plug; Locking lever; 4 mm²; 8-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**Item no.: 769-125**2-conductor female connector; 4 mm²; 5-pole; 4,00 mm²; gray**Item no.: 769-126**2-conductor female connector; 4 mm²; 6-pole; 4,00 mm²; gray**Item no.: 769-127**2-conductor female connector; 4 mm²; 7-pole; 4,00 mm²; gray**Item no.: 769-128**2-conductor female connector; 4 mm²; 8-pole; 4,00 mm²; gray

ferrule

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



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
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

tools



Item no.: 210-490
Operating tool



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

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

Strain relief plate



Item no.: 769-1608
Strain relief housing; gray



Item no.: 769-413
Strain relief plate; gray

Protective Warning Marker

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



Item no.: 280-415

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

Downloads

Documentation

Bid Text

769-608

GAEB X81 - Datei

769-608

doc - Datei

Additional Information

Technical explanations

CAD/CAE-Data

CAD data

2D/3D Models 769-608

CAE data

EPLAN Data Portal 769-608

WSCAD Universe 769-608

ZUKEN Portal 769-608

Installation Notes

Conductor termination

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!
