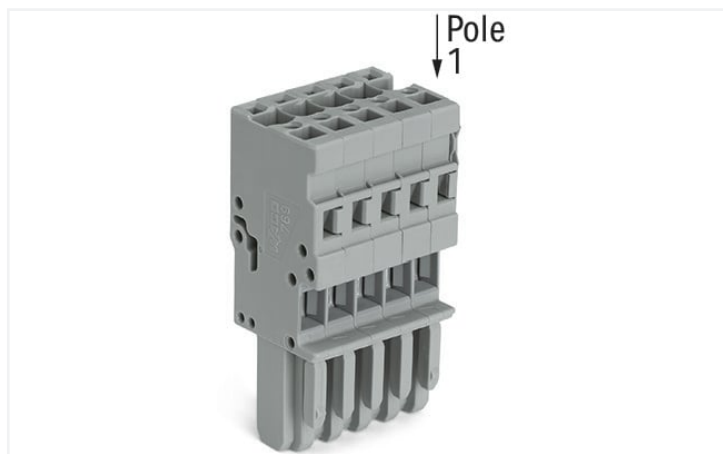


## Data Sheet | Item Number: 769-103

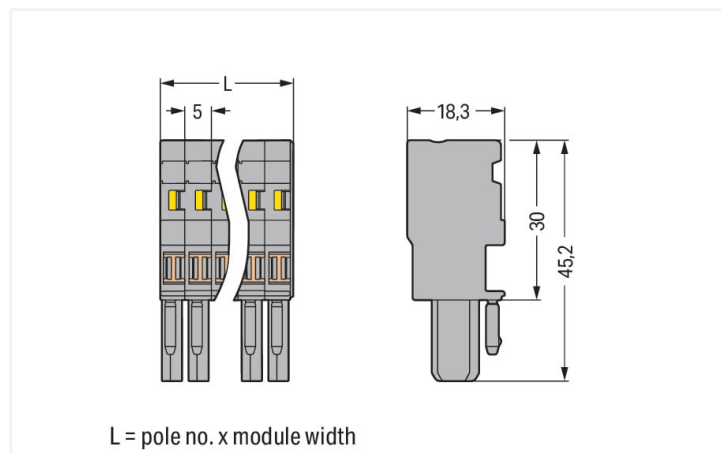
1-conductor female connector; CAGE CLAMP®; 4 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole; coding finger; 4,00 mm<sup>2</sup>; gray

<https://www.wago.com/769-103>



Color:  gray

Similar to illustration



Dimensions in mm

### Notes

Safety information 1

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

### Electrical data

#### Ratings per IEC/EN

Ratings per	IEC/EN 61984
Nominal voltage (III/3)	500 V
Rated impulse voltage (III/3)	6 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Connection data

Connection points	3
Total number of potentials	3

#### Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm <sup>2</sup> / 12 AWG
Solid conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	3
Wiring direction	Front-entry wiring

### Physical data

Width	15 mm / 0.591 inches
Height	45.2 mm / 1.78 inches
Depth	18.3 mm / 0.72 inches
Module width	5 mm / 0.197 inches

### Mechanical Data

Variable coding	Yes
Direct ground contact to DIN-rail/drilled hole/housing	No
Marking level	Side marking
Anti-rotation protection	Yes

### Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	Yes

### Material Data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.155 MJ
Halogen-free	Yes
Weight	9.4 g

### Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

### Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918471343
Customs tariff number	85366990990

Approvals / Certificates

General approvals



Approval	Standard	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
UR Underwriters Laboratories Inc.	UL 1059	E45172

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
BV Bureau Veritas S.A.	EN 60947	07436/F0 BV

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 769-103	<a href="#">↓</a>

Documentation

Additional Information		
Technical Section	pdf 2142.18 KB	<a href="#">↓</a>

Bid Text			
769-103	19.02.2019	xml 3.20 KB	<a href="#">↓</a>
769-103	04.10.2017	doc 25.00 KB	<a href="#">↓</a>

CAD/CAE-Data

CAD data	
2D/3D Models 769-103	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 769-103	<a href="#">↓</a>
WSCAD Universe 769-103	<a href="#">↓</a>
ZUKEN Portal 769-103	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Cover

##### 1.1.1.1 Cover



**Item No.: 769-436**

Jumper cover; for 1-conductor female plugs; for 5 poles; gray

#### 1.1.2 Ferrule

##### 1.1.2.1 Ferrule



**Item No.: 216-301**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-101**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-202**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-203**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated



**Item No.: 216-204**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-104**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-206**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue

#### 1.1.3 Insulation stop

##### 1.1.3.1 Insulation stop



**Item No.: 769-470**

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white



**Item No.: 769-471**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray



**Item No.: 769-472**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray

#### 1.1.4 Jumper

##### 1.1.4.1 Jumper



**Item No.: 769-402**

Jumper; insulated; gray

#### 1.1.5 Locking system

### 1.1.5.1 Locking system



**Item No.: 769-430**  
Locking lever; gray

**Item No.: 769-431**  
Locking lever; orange

### 1.1.6 Marking

#### 1.1.6.1 Label



**Item No.: 210-805**  
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white

**Item No.: 210-805/000-002**  
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow

#### 1.1.6.2 Marker



**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.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

#### 1.1.6.3 Marking strip



**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.: 210-834**  
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

### 1.1.7 Protective warning marker

#### 1.1.7.1 Cover



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

### 1.1.8 Strain relief

#### 1.1.8.1 Strain relief



**Item No.: 769-1603**  
Strain relief housing; gray

**Item No.: 769-411**  
Strain relief plate; gray

### 1.1.9 Test and measurement

### 1.1.9.1 Testing accessories



[Item No.: 210-136](#)

Test plug; 2 mm Ø; with 500 mm cable; red

### 1.1.10 Tool

#### 1.1.10.1 Operating tool



[Item No.: 210-490](#)

Operating tool



[Item No.: 769-434](#)

Push-button; loose