

1-conductor female connector, angled; CAGE CLAMP®; 4 mm²; Pin spacing 5 mm; 10-pole; coding finger; 4,00 mm²; gray



Female connector, 769 Series, CAGE CLAMP®

An operating tool is used to operate this female connector/socket.

Safety Information

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

Ratings per		IEC/EN 61984	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	32 A	-	-

General information	
Wiring direction	Front-entry wiring

Physical data	
Width	50 mm / 1.969 inches
Height	37.1 mm / 1.461 inches
Depth	26.5 mm / 1.043 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

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

Commercial data	
Product Group	18 (X-COM-System)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918547673
Customs tariff number	85366990990

Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 61984	2190419.02	Railway WAGO GmbH & Co. KG	-	Z00004428.000
CCA DEKRA Certification B.V.	IEC 61984	NL-47799/A1			
CSA CSA Group	C22.2	1101144			
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01			
UL Underwriters Laboratories Inc.	UL 1059	E45172			
UL Underwriters Laboratories Inc.	UL 1977	20151210-E45171			



Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	24-0152298-PDA

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 769-110/022-000



Documentation

Bid Text
769-110/022-000
19.02.2019
xml 3.17 KB
769-110/022-000
04.10.2017
doc 26.00 KB



CAD/CAE-Data

CAD data
2D/3D Models 769-110/022-000



CAE data
EPLAN Data Portal 769-110/022-000
WSCAD Universe 769-110/022-000
ZUKEN Portal 769-110/022-000



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-301 Ferrule; Sleeve for 0.25 mm² / AWG 24; insu- lated; electro-tin plated; yellow



Item No.: 216-302 Ferrule; Sleeve for 0.34 mm² / 22 AWG; in- sulated; electro-tin plated; light turquoise
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Item No.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insu- lated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white
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Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; unin- sulated; electro-tin plated; silver-colored
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Item No.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insu- lated; electro-tin plated; gray



Item No.: 216-102 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; silver-col- ored
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Item No.: 216-203 Ferrule; Sleeve for 1 mm² / AWG 18; insulat- ed; electro-tin plated; red



Item No.: 216-103 Ferrule; Sleeve for 1 mm² / AWG 18; uninsu- lated; electro-tin plated
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1.1.1.1 Ferrule



Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



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



Item No.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

1.1.2 Insulation stop

1.1.2.1 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

1.1.3 Marking

1.1.3.1 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

1.1.4 Protective warning marker

1.1.4.1 Cover



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

1.1.5 Strain relief

1.1.5.1 Strain relief



Item No.: 769-1610
Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 10-pole; gray



Item No.: 769-414
Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 10- to 15-pole; gray

1.1.6 Test and measurement

1.1.6.1 Testing accessories

**Item No.: 210-136**

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

1.1.7 Tool

1.1.7.1 Operating tool

**Item No.: 769-434**

Operating tool; made of insulating material;
1-way; loose; white

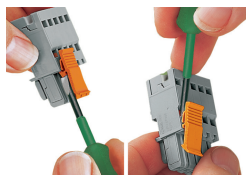
Installation Notes

Coding



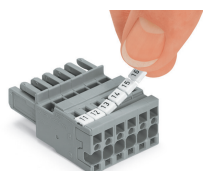
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

Locking system



Locking/releasing a lever.

Marking



Labeling a female plug with CAGE CLAMP®
connection via Mini-WSB Quick Markers.