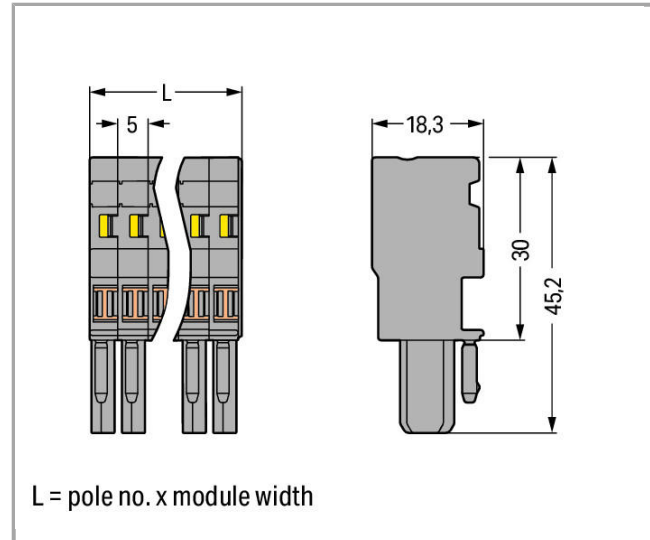
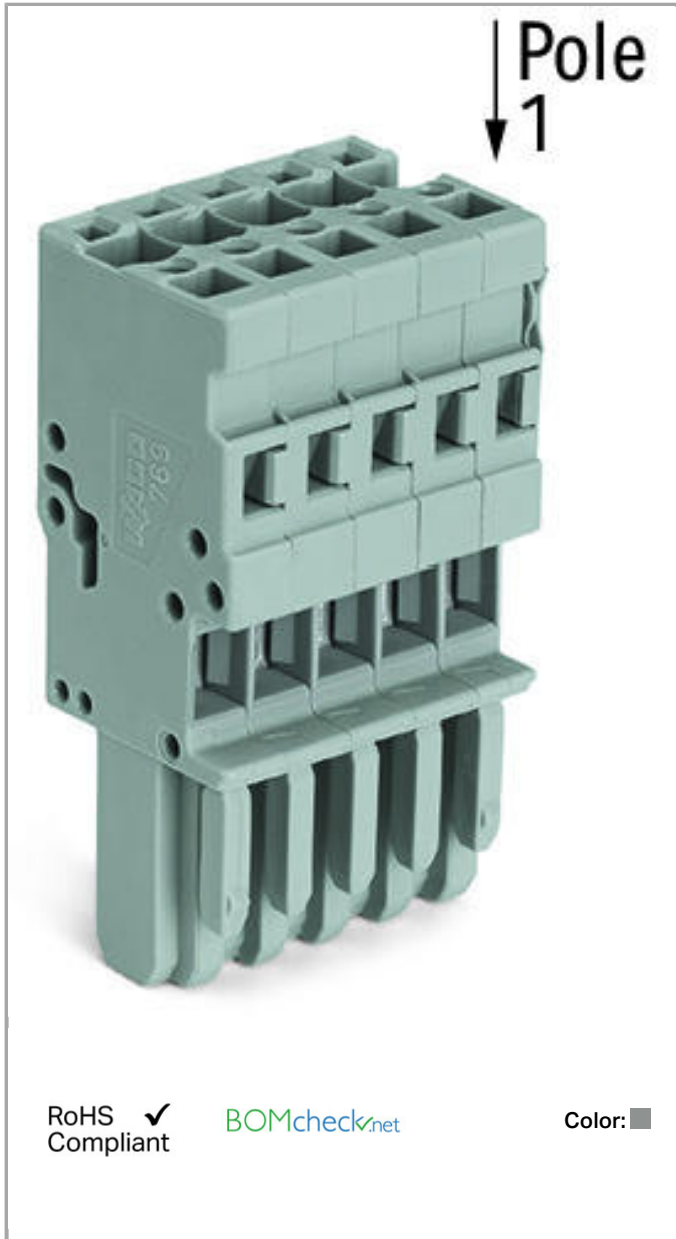


Data sheet | Item number: 769-103
1-conductor female plug; 4 mm²; 3-pole



769-103



Item description

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

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	32 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
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
No. of poles	3
Total number of connection points	3
Total number of potentials	3
Type of wiring	Front-entry wiring

Geometrical Data

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

Mechanical data

Marking level	Side marking
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Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

Material Data





Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.161 MJ
Weight	9.7 g

Commercial data



Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4044918471343
Customs Tariff No.	85366990990

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
	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
	ABS American Bureau of Shipping	EN 60947	14-HG1293677-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR	UL 1977	E45171



Underwriters Laboratories Inc.

UR
Underwriters Laboratories Inc.

UL 1059

E45172

Compatible products

Strain relief plate

Item no.: 769-1603
Strain relief housing

769-1603

Item no.: 769-411
Strain relief plate

769-411

Insulation stop

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

769-470

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

769-471

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

769-472

Jumper

Item no.: 769-402
Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs

769-402

ferrule

Item no.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101

Item no.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

















216-102
















Item no.: 216-103
Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

















216-103

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

216-104

	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302
General accessories		
	Item no.: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles	769-436
Male plug		
	Item no.: 769-603 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603
	Item no.: 769-603/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603 /001-000
	Item no.: 769-603/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603 /002-000
	Item no.: 769-603/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603 /004-000
	Item no.: 769-603/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603 /005-000
	Item no.: 769-603/006-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 3-pole	769-603 /006-000
	Item no.: 769-633 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole	769-633
	Item no.: 769-633/000-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole	769-633 /000-036
	Item no.: 769-633/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole	769-633 /003-000

	Item no.: 769-633/003-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole	/003-036	769-633
	Item no.: 769-633/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 3-pole	/004-000	769-633
	Item no.: 769-633/007-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 3-pole	/007-000	769-633
	Item no.: 769-663 Male connector; with angled solder pins; Horizontal PCB mounting; 1 x 1 mm; Pin spacing 5 mm / 0.197 in; 3-pole		769-663
	Item no.: 769-663/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 3-pole	/003-000	769-663
	Item no.: 769-663/004-000 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 3-pole	/004-000	769-663
Locking lever			
	Item no.: 769-428 Locking lever		769-428
	Item no.: 769-429 Locking lever		769-429
	Item no.: 769-430 Locking lever		769-430
	Item no.: 769-431 Locking lever		769-431
Marking accessories			
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-145
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145

	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	Item no.: 210-805 Labels; for Smart Printer		210-805
	Item no.: 210-805/000-002 Labels; for Smart Printer	/000-002	210-805
	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive		210-831
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive		210-832
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive		210-834
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-002	248-501
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	248-501
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	248-501
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-007	248-501
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-012	248-501
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-017	248-501
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-023	248-501



Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type

248-501
/000-024

Protective Warning Marker



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

280-415

check



Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable

210-136



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable

210-137

Downloads

Documentation

Bid Text

769-103	doc 25.6 kB	Download
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CAD/CAE - Smart Data

CAD data

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