

Data sheet | Item number: 769-603/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 3-pole



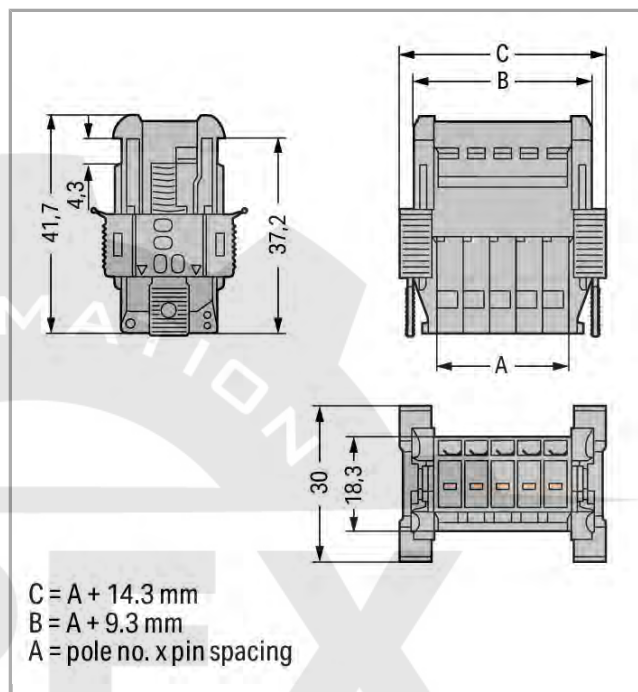
769-603/006-000



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



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	Side-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	29.3 mm / 1.154 inch
Height	30 mm / 1.181 inch
Depth	41.7 mm / 1.642 inch

Mechanical data

Mounting type	Snap-in
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Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.337 MJ
Weight	14.175 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4045454917005
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799
	CSA	C22.2 No. 158	1101144



DEKRA Certification B.V.

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR	UL 1977	E45171
	Underwriters Laboratories Inc.		
	UR	UL 1059	E45172
	Underwriters Laboratories Inc.		

Compatible products

tools

	Item no.: 210-490	210-490
	Operating tool; for female and male connectors with CAGE CLAMP® connection	
	Item no.: 769-434	769-434
	Push-button; loose; for female and male connectors with CAGE CLAMP® connection	

Insulation stop

	Item no.: 769-470	769-470
	Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip	
	Item no.: 769-471	769-471
	Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip	
	Item no.: 769-472	769-472
	Insulation stop; 0.75 - 1 mm²; 5 pieces/strip	

Strain relief plate

	Item no.: 769-410	769-410
	Strain relief plate	
	Item no.: 769-411	769-411
	Strain relief plate	

Protective Warning Marker

**Item no.: 280-415**

280-415

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

ferrule**Item no.: 216-101**

216-101

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

**Item no.: 216-102**

216-102

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

**Item no.: 216-103**

216-103

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

**Item no.: 216-104**

216-104

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

**Item no.: 216-201**

216-201

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

**Item no.: 216-202**

216-202

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

**Item no.: 216-203**

216-203

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

**Item no.: 216-204**

216-204

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

**Item no.: 216-206**

216-206

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

Female plug**Item no.: 769-101**

769-101

1-conductor female plug; 4 mm²; 1-pole

**Item no.: 769-101/000-016**

769-101

1-conductor female plug; 4 mm²; 1-pole

/000-016

**Item no.: 769-102**

769-102

1-conductor female plug; 4 mm²; 2-pole

**Item no.: 769-102/000-036**

769-102

1-conductor female plug; 4 mm²; 2-pole

/000-036

**Item no.: 769-102/000-037**

769-102

1-conductor female plug; 4 mm²; 2-pole

/000-037

**Item no.: 769-103**

769-103

1-conductor female plug; 4 mm²; 3-pole

**Item no.: 769-103/000-036**

769-103

1-conductor female plug; 4 mm²; 3-pole

/000-036

**Item no.: 769-103/000-037**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-037

**Item no.: 769-103/000-038**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-038

**Item no.: 769-103/000-039**1-conductor female plug; 4 mm²; 3-pole

769-103

/000-039

**Item no.: 769-103/021-000**1-conductor female plug; Locking lever; 4 mm²; 3-pole

769-103

/021-000

**Item no.: 769-121**2-conductor female connector; 4 mm²; 1-pole

769-121

**Item no.: 769-121/000-016**2-conductor female connector; 4 mm²; 1-pole

769-121

/000-016

**Item no.: 769-122**2-conductor female connector; 4 mm²; 2-pole

769-122

**Item no.: 769-123**2-conductor female connector; 4 mm²; 3-pole

769-123

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

2009-145

/000-002

**Item no.: 2009-145/000-005**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-005

**Item no.: 2009-145/000-006**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-006

**Item no.: 2009-145/000-007**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-007

**Item no.: 2009-145/000-012**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

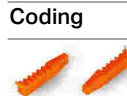
/000-012

**Item no.: 2009-145/000-023**

Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-023

	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145
		7000-024
	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.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833
	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	248-501
		7000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-023
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501
		7000-024
Coding		
	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors	769-435



Downloads
Documentation
Bid Text

769-603/006-000	doc 25.6 kB	Download
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CAD/CAE - Smart Data
CAD data

3D Download 769-603/006-000	URL	Download
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Product family

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Subject to changes.