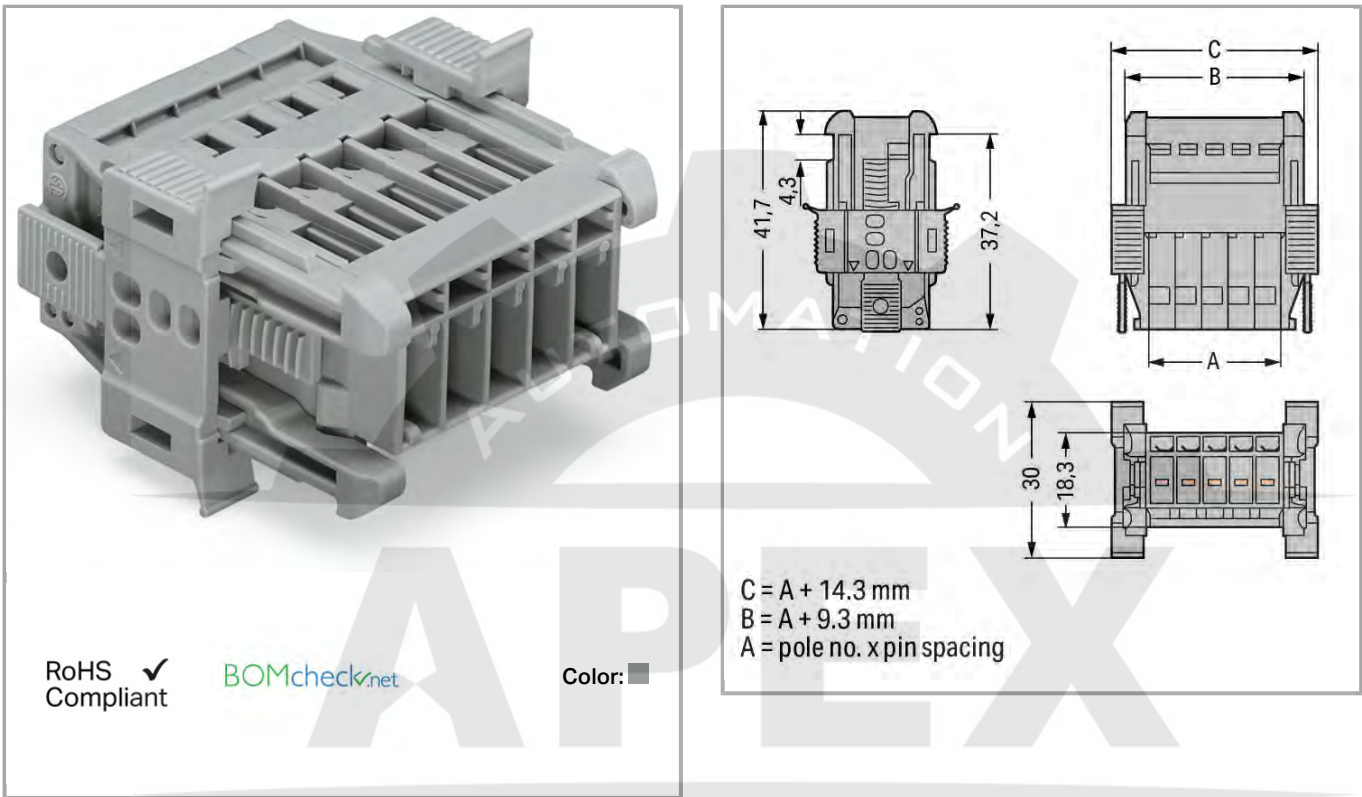


Data sheet | Item number: 769-608/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 8-pole



769-608/006-000



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 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

No. of poles	8
Total number of connection points	8
Total number of potentials	8
Type of wiring	Side-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	54.3 mm / 2.138 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	0.61 MJ
Weight	28.319 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4045454917050
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 Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

Insulation stop

	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip	769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	769-472

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	/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.: 210-831 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	/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

Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm²; 1-pole	769-101
	Item no.: 769-101/000-016 1-conductor female plug; 4 mm²; 1-pole	769-101 /000-016
	Item no.: 769-102 1-conductor female plug; 4 mm²; 2-pole	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm²; 2-pole	769-102 /000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm²; 2-pole	769-102 /000-037
	Item no.: 769-103 1-conductor female plug; 4 mm²; 3-pole	769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm²; 3-pole	769-103 /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.: 769-104 1-conductor female plug; 4 mm²; 4-pole	769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-036
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm²; 4-pole	769-104 /000-038

	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-039
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole	769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-036
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-037
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-038
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-039
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole	769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-006
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-036
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-037
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-038
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm ² ; 6-pole	769-106 /000-039
	Item no.: 769-107 1-conductor female plug; 4 mm ² ; 7-pole	769-107
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm ² ; 7-pole	769-107 /000-036
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm ² ; 7-pole	769-107 /000-037

**Item no.: 769-107/000-038**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-038

**Item no.: 769-107/000-039**1-conductor female plug; 4 mm²; 7-pole

769-107

/000-039

**Item no.: 769-108**1-conductor female plug; 4 mm²; 8-pole

769-108

**Item no.: 769-108/000-036**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-036

**Item no.: 769-108/000-037**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-037

**Item no.: 769-108/000-038**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-038

**Item no.: 769-108/000-039**1-conductor female plug; 4 mm²; 8-pole

769-108

/000-039

**Item no.: 769-108/021-000**1-conductor female plug; Locking lever; 4 mm²; 8-pole

769-108

/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

**Item no.: 769-124**2-conductor female connector; 4 mm²; 4-pole

769-124

**Item no.: 769-125**2-conductor female connector; 4 mm²; 5-pole

769-125

**Item no.: 769-126**2-conductor female connector; 4 mm²; 6-pole

769-126

**Item no.: 769-127**2-conductor female connector; 4 mm²; 7-pole

769-127

**Item no.: 769-128**2-conductor female connector; 4 mm²; 8-pole

769-128

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / 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

Protective Warning Marker

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

	Item no.: 769-410 Strain relief plate	769-410
	Item no.: 769-413 Strain relief plate	769-413

Coding

	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors	769-435
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tools

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

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Documentation

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