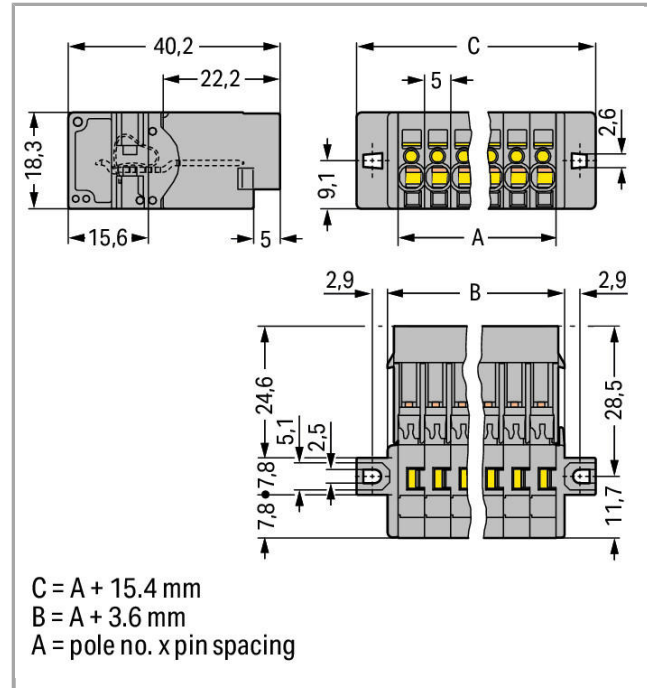
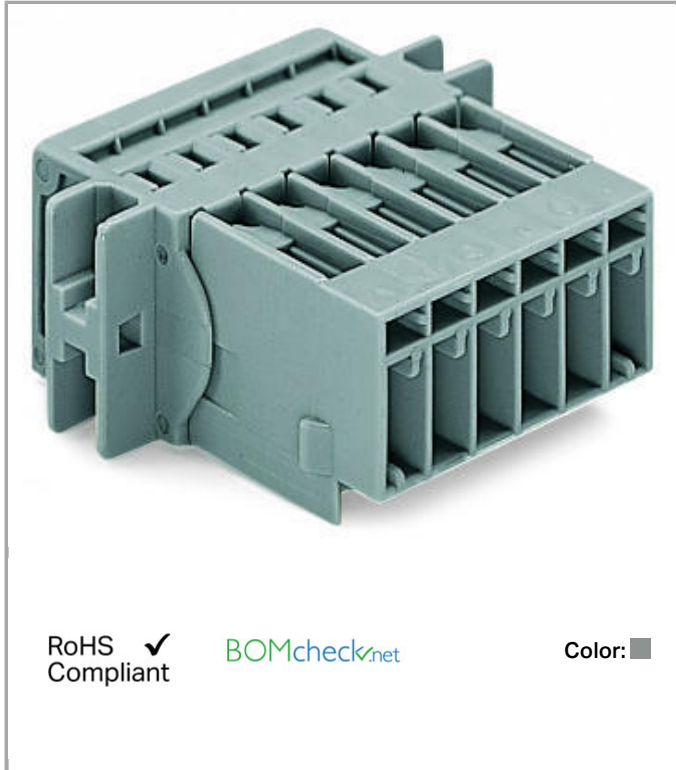


# Data sheet | Item number: 769-609/002-000

1-conductor male connector; clamping collar; 4 mm<sup>2</sup>; Pin spacing 5 mm; 9-pole



769-609/002-000



## 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 mm <sup>2</sup>
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 inch
No. of poles	9

Total number of connection points	9
Total number of potentials	9
Type of wiring	Front-entry wiring

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	60.4 mm / 2.378 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	40.2 mm / 1.583 inch

### Mechanical data

Mounting type	Mounting flange
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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	0.562 MJ
Weight	27.574 g

### Commercial data



Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521468
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.	IEC 61984	NL-47799
	CCA DEKRA Certification B.V.	EN 61984	2190419.02



	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

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

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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Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm <sup>2</sup> ; 1-pole	769-101
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	<b>Item no.: 769-101/000-016</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 1-pole	769-101 /000-016
	<b>Item no.: 769-102</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	769-102
	<b>Item no.: 769-102/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	769-102 /000-036
	<b>Item no.: 769-102/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	769-102 /000-037
	<b>Item no.: 769-103</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103
	<b>Item no.: 769-103/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103 /000-036
	<b>Item no.: 769-103/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103 /000-037
	<b>Item no.: 769-103/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103 /000-038
	<b>Item no.: 769-103/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	769-103 /000-039
	<b>Item no.: 769-104</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 4-pole	769-104
	<b>Item no.: 769-104/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 4-pole	769-104 /000-036
	<b>Item no.: 769-104/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 4-pole	769-104 /000-037
	<b>Item no.: 769-104/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 4-pole	769-104 /000-038
	<b>Item no.: 769-104/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 4-pole	769-104 /000-039
	<b>Item no.: 769-105</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 5-pole	769-105
	<b>Item no.: 769-105/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 5-pole	769-105 /000-036

	<b>Item no.: 769-105/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 5-pole	769-105 /000-037
	<b>Item no.: 769-105/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 5-pole	769-105 /000-038
	<b>Item no.: 769-105/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 5-pole	769-105 /000-039
	<b>Item no.: 769-106</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106
	<b>Item no.: 769-106/000-006</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106 /000-006
	<b>Item no.: 769-106/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106 /000-036
	<b>Item no.: 769-106/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106 /000-037
	<b>Item no.: 769-106/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106 /000-038
	<b>Item no.: 769-106/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 6-pole	769-106 /000-039
	<b>Item no.: 769-107</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 7-pole	769-107
	<b>Item no.: 769-107/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 7-pole	769-107 /000-036
	<b>Item no.: 769-107/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 7-pole	769-107 /000-037
	<b>Item no.: 769-107/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 7-pole	769-107 /000-038
	<b>Item no.: 769-107/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 7-pole	769-107 /000-039
	<b>Item no.: 769-108</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	769-108

	<b>Item no.: 769-108/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	769-108 /000-036
	<b>Item no.: 769-108/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	769-108 /000-037
	<b>Item no.: 769-108/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	769-108 /000-038
	<b>Item no.: 769-108/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	769-108 /000-039
	<b>Item no.: 769-109</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	769-109
	<b>Item no.: 769-109/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	769-109 /000-036
	<b>Item no.: 769-109/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	769-109 /000-037
	<b>Item no.: 769-109/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	769-109 /000-038
	<b>Item no.: 769-109/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	769-109 /000-039
	<b>Item no.: 769-109/021-000</b> 1-conductor female plug; Locking lever; 4 mm <sup>2</sup> ; 9-pole	769-109 /021-000
	<b>Item no.: 769-121</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 1-pole	769-121
	<b>Item no.: 769-122</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 2-pole	769-122
	<b>Item no.: 769-124</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 4-pole	769-124
	<b>Item no.: 769-125</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 5-pole	769-125
	<b>Item no.: 769-126</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 6-pole	769-126
	<b>Item no.: 769-127</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 7-pole	769-127
	<b>Item no.: 769-128</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 8-pole	769-128

**Item no.: 769-129**2-conductor female connector; 4 mm<sup>2</sup>; 9-pole

769-129

**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

769-470

**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

769-471

**Item no.: 769-472**Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

769-472

**assembling****Item no.: 769-499**

Fixing screw M2.5 x 16; and hexagon nut M2.5

769-499

**ferrule****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

216-101

**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

216-102

**Item no.: 216-103**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

216-103

**Item no.: 216-104**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

216-104

**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated

216-201

**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated

216-202

**Item no.: 216-203**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

216-203

**Item no.: 216-204**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

216-204

**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm<sup>2</sup> / 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

**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

/UUU-UUZ

	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145
	<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive		210-831
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive		210-832
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive		210-833
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive		210-834
	<b>Item no.: 248-501</b> Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501
	<b>Item no.: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-002	248-501
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	248-501
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	248-501
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-007	248-501
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-012	248-501

	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	7000-017	248-501
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	7000-023	248-501
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	7000-024	248-501
<b>tools</b>			
	<b>Item no.: 210-490</b> Operating tool; for female and male connectors with CAGE CLAMP® connection		210-490
	<b>Item no.: 769-434</b> Push-button; loose; for female and male connectors with CAGE CLAMP® connection		769-434

**Downloads**

**Documentation**

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