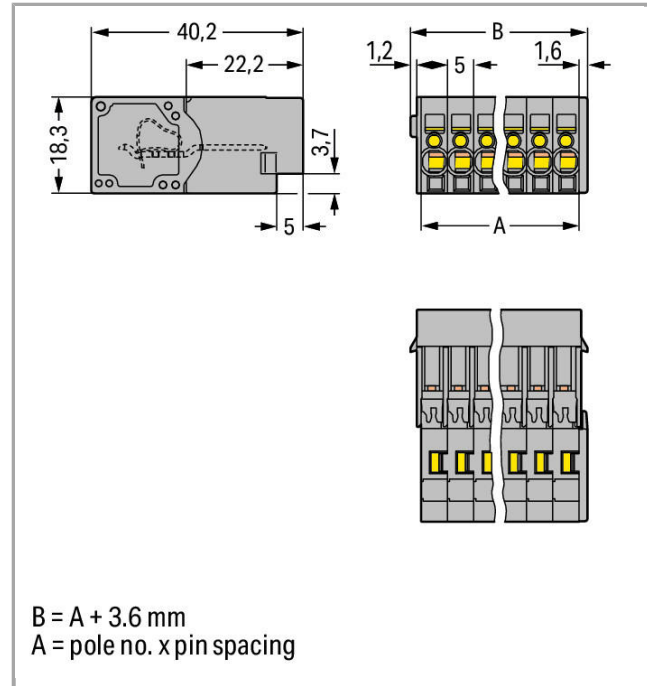


# Data sheet | Item number: 769-607

1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole



769-607



## 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	7

Total number of connection points	7
Total number of potentials	7
Type of wiring	Front-entry wiring

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	38.6 mm / 1.52 inch
Height	18.3 mm / 0.72 inch
Depth	40.2 mm / 1.583 inch

### 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	0.416 MJ
Weight	20.735 g

### Commercial data

Country of origin	PL
GTIN	4044918521277
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



EN 60947

2190419.01








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

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

	<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	2009-145	2009-145
			7000-012
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145	2009-145
			7000-023
	<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	2009-145	2009-145
			7000-024
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	210-831	210-831
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832	210-832
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833	210-833
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive	210-834	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	248-501
	<b>Item no.: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-002
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-005
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-006
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-007
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-012
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-017
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-023
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501	248-501
			7000-024

## Strain relief plate



**Item no.: 769-1607**  
Strain relief housing

769-1607



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

769-413

## 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

## Female plug



**Item no.: 769-101**  
1-conductor female plug; 4 mm<sup>2</sup>; 1-pole

769-101



**Item no.: 769-101/000-016**  
1-conductor female plug; 4 mm<sup>2</sup>; 1-pole

/000-016

769-101



**Item no.: 769-101/022-000**  
1-conductor female plug; angled; 4 mm<sup>2</sup>; 1-pole

/022-000

769-101



**Item no.: 769-101/022-016**  
1-conductor female plug; angled; 4 mm<sup>2</sup>; 1-pole

/022-016

769-101



**Item no.: 769-102**  
1-conductor female plug; 4 mm<sup>2</sup>; 2-pole
















769-102



**Item no.: 769-102/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 2-pole

/000-036

769-102

	<b>Item no.: 769-102/000-037</b> 1-conductor female plug; 4 mm²; 2-pole	/000-037	769-102
	<b>Item no.: 769-103</b> 1-conductor female plug; 4 mm²; 3-pole		769-103
	<b>Item no.: 769-103/000-036</b> 1-conductor female plug; 4 mm²; 3-pole	/000-036	769-103
	<b>Item no.: 769-103/000-037</b> 1-conductor female plug; 4 mm²; 3-pole	/000-037	769-103
	<b>Item no.: 769-103/000-038</b> 1-conductor female plug; 4 mm²; 3-pole	/000-038	769-103
	<b>Item no.: 769-103/000-039</b> 1-conductor female plug; 4 mm²; 3-pole	/000-039	769-103
	<b>Item no.: 769-104</b> 1-conductor female plug; 4 mm²; 4-pole		769-104
	<b>Item no.: 769-104/000-036</b> 1-conductor female plug; 4 mm²; 4-pole	/000-036	769-104
	<b>Item no.: 769-104/000-037</b> 1-conductor female plug; 4 mm²; 4-pole	/000-037	769-104
	<b>Item no.: 769-104/000-038</b> 1-conductor female plug; 4 mm²; 4-pole	/000-038	769-104
	<b>Item no.: 769-104/000-039</b> 1-conductor female plug; 4 mm²; 4-pole	/000-039	769-104
	<b>Item no.: 769-105</b> 1-conductor female plug; 4 mm²; 5-pole		769-105
	<b>Item no.: 769-105/000-036</b> 1-conductor female plug; 4 mm²; 5-pole	/000-036	769-105
	<b>Item no.: 769-105/000-037</b> 1-conductor female plug; 4 mm²; 5-pole	/000-037	769-105
	<b>Item no.: 769-105/000-038</b> 1-conductor female plug; 4 mm²; 5-pole	/000-038	769-105
	<b>Item no.: 769-105/000-039</b> 1-conductor female plug; 4 mm²; 5-pole	/000-039	769-105

**Item no.: 769-106**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

769-106

**Item no.: 769-106/000-006**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-006

769-106

**Item no.: 769-106/000-036**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-036

769-106

**Item no.: 769-106/000-037**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-037

769-106

**Item no.: 769-106/000-038**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-038

769-106

**Item no.: 769-106/000-039**1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

/000-039

769-106

**Item no.: 769-107**1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

769-107

**Item no.: 769-107/000-036**1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-036

769-107

**Item no.: 769-107/000-037**1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-037

769-107

**Item no.: 769-107/000-038**1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-038

769-107

**Item no.: 769-107/000-039**1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

/000-039

769-107

**Item no.: 769-107/021-000**1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 7-pole

/021-000

769-107

**Item no.: 769-121**2-conductor female connector; 4 mm<sup>2</sup>; 1-pole












769-121

**Item no.: 769-122**2-conductor female connector; 4 mm<sup>2</sup>; 2-pole

769-122

**Item no.: 769-123**2-conductor female connector; 4 mm<sup>2</sup>; 3-pole

769-123

	<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>Coding</b>		
	<b>Item no.: 769-435</b> Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors	769-435
<b>Protective Warning Marker</b>		
	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
<b>Insulation stop</b>		
	<b>Item no.: 769-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip	769-470
	<b>Item no.: 769-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip	769-471
	<b>Item no.: 769-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip	769-472
<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

#### Bid Text

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## CAD/CAE - Smart Data

### CAD data

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