

# Data sheet | Item number: 769-608

1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 8-pole



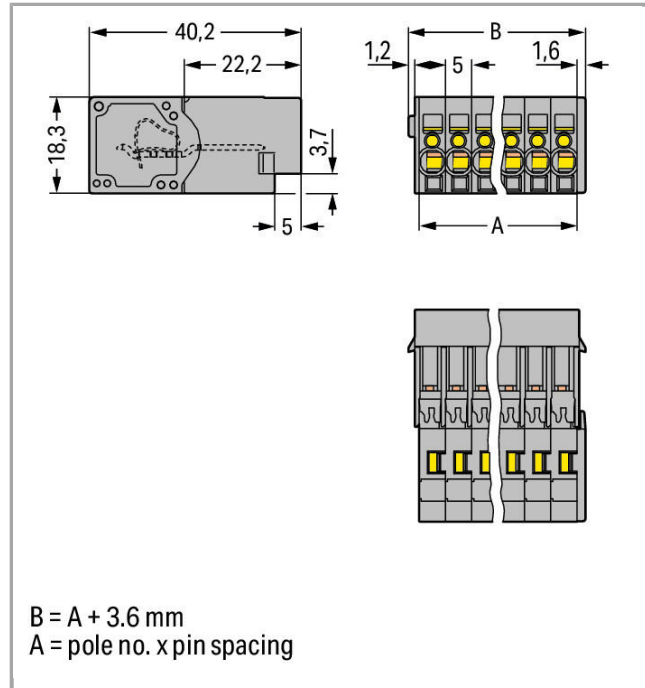
769-608



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 <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	8

Total number of connection points	8
Total number of potentials	8
Type of wiring	Front-entry wiring

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	43.6 mm / 1.717 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	0.466 MJ
Weight	23.408 g

### Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521338
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 1059	E45172
	UR Underwriters Laboratories Inc.	UL 1977	E45171

Compatible products

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	/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

	<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	/000-017	248-501
	<b>Item no.: 248-501/000-023</b> 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 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



**Item no.: 769-102/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 2-pole

/000-037 769-102



**Item no.: 769-103**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

769-103



**Item no.: 769-103/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

/000-036 769-103



**Item no.: 769-103/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

/000-037 769-103



**Item no.: 769-103/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

/000-038 769-103



**Item no.: 769-103/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

/000-039 769-103


















**Item no.: 769-104**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

















769-104




















**Item no.: 769-104/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

/000-036 769-104

	<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.: 769-108/021-000</b> 1-conductor female plug; Locking lever; 4 mm <sup>2</sup> ; 8-pole	769-108 /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.: 769-123</b> 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>Item no.: 769-128</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 8-pole	769-128
<b>ferrule</b>		
	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	216-101
	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	216-102
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	216-103
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	216-104
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated	216-201
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	216-202
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	216-203
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	216-204
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	216-206
<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>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
<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>Strain relief plate</b>		
	<b>Item no.: 769-1608</b> Strain relief housing	769-1608



Item no.: 769-413  
Strain relief plate

769-413

---

## Downloads

### Documentation

#### Bid Text

769-608	doc	Download
	25.1 kB	

---

## CAD/CAE - Smart Data

### CAD data

3D Download 769-608	URL	Download
---------------------	-----	----------

---

## Product family

### X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes.

---