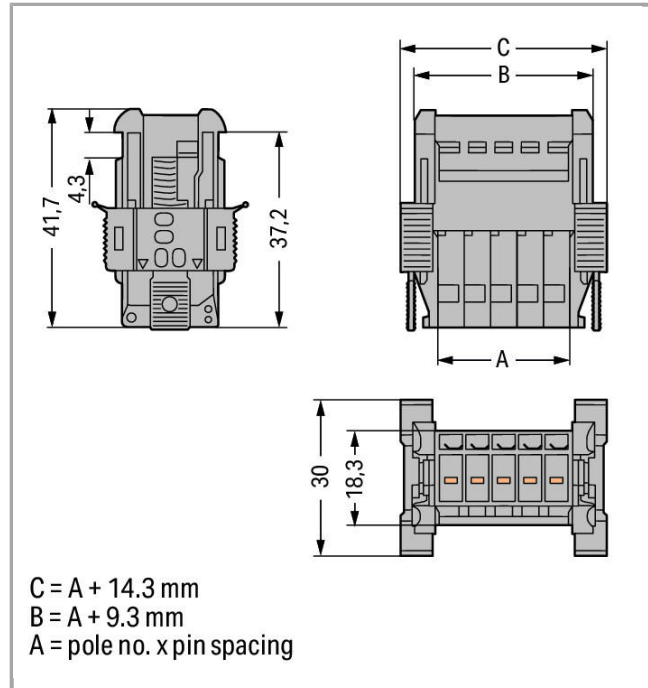
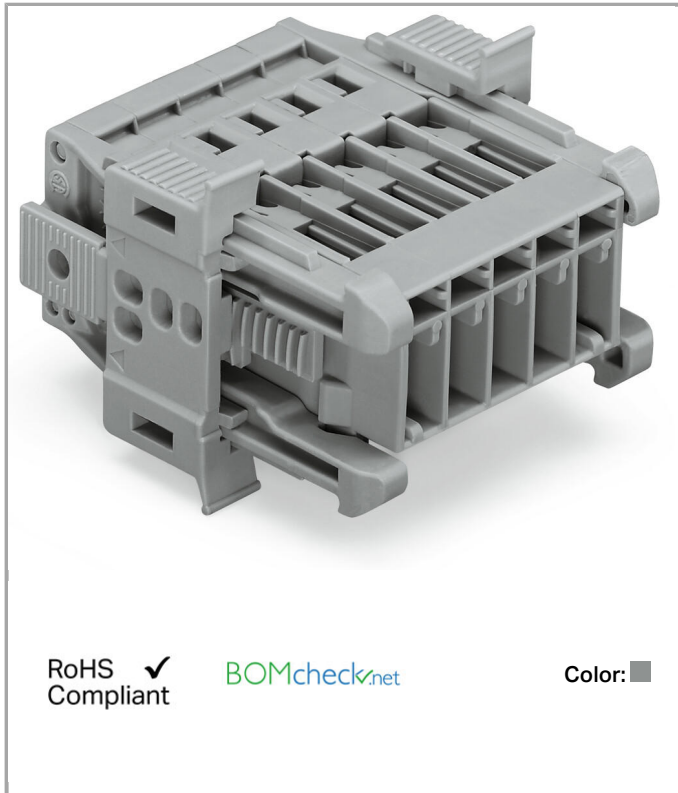


# Data sheet | Item number: 769-613/006-000

1-conductor male connector; Snap-in flange; 4 mm<sup>2</sup>; Pin spacing 5 mm; 13-pole



769-613/006-000



## 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 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	13
Total number of connection points	13
Total number of potentials	13
Type of wiring	Side-entry wiring

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	79.3 mm / 3.122 inch
Height	30 mm / 1.181 inch
Depth	41.7 mm / 1.642 inch

### Mechanical data

Mounting type	Snap-in
---------------	---------

### 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	0.886 MJ
Weight	42.596 g

### Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4045454917128
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




Strain relief plate
















	Item no.: 769-410 Strain relief plate	769-410
	Item no.: 769-414 Strain relief plate	769-414

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

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

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

**Item no.: 769-105/000-039**1-conductor female plug; 4 mm<sup>2</sup>; 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.: 769-108**1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

769-108

**Item no.: 769-108/000-036**1-conductor female plug; 4 mm<sup>2</sup>; 8-pole
















/000-036

















769-108




















**Item no.: 769-108/000-037**1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

















/000-037












769-108

	<b>Item no.: 769-108/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	/000-038	769-108
	<b>Item no.: 769-108/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 8-pole	/000-039	769-108
	<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	/000-036	769-109
	<b>Item no.: 769-109/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	/000-037	769-109
	<b>Item no.: 769-109/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	/000-038	769-109
	<b>Item no.: 769-109/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 9-pole	/000-039	769-109
	<b>Item no.: 769-110</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole		769-110
	<b>Item no.: 769-110/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-036	769-110
	<b>Item no.: 769-110/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-037	769-110
	<b>Item no.: 769-110/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-038	769-110
	<b>Item no.: 769-110/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 10-pole	/000-039	769-110
	<b>Item no.: 769-111</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole		769-111
	<b>Item no.: 769-111/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-036	769-111
	<b>Item no.: 769-111/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 11-pole	/000-037	769-111

	<b>Item no.: 769-111/000-038</b> 1-conductor female plug; 4 mm²; 11-pole	/000-038	769-111
	<b>Item no.: 769-111/000-039</b> 1-conductor female plug; 4 mm²; 11-pole	/000-039	769-111
	<b>Item no.: 769-112</b> 1-conductor female plug; 4 mm²; 12-pole		769-112
	<b>Item no.: 769-112/000-036</b> 1-conductor female plug; 4 mm²; 12-pole	/000-036	769-112
	<b>Item no.: 769-112/000-037</b> 1-conductor female plug; 4 mm²; 12-pole	/000-037	769-112
	<b>Item no.: 769-112/000-038</b> 1-conductor female plug; 4 mm²; 12-pole	/000-038	769-112
	<b>Item no.: 769-112/000-039</b> 1-conductor female plug; 4 mm²; 12-pole	/000-039	769-112
	<b>Item no.: 769-113</b> 1-conductor female plug; 4 mm²; 13-pole		769-113
	<b>Item no.: 769-113/000-036</b> 1-conductor female plug; 4 mm²; 13-pole	/000-036	769-113
	<b>Item no.: 769-113/000-037</b> 1-conductor female plug; 4 mm²; 13-pole	/000-037	769-113
	<b>Item no.: 769-113/000-038</b> 1-conductor female plug; 4 mm²; 13-pole	/000-038	769-113
	<b>Item no.: 769-113/000-039</b> 1-conductor female plug; 4 mm²; 13-pole	/000-039	769-113
	<b>Item no.: 769-113/021-000</b> 1-conductor female plug; Locking lever; 4 mm²; 13-pole	/021-000	769-113
	<b>Item no.: 769-121</b> 2-conductor female connector; 4 mm²; 1-pole		769-121
	<b>Item no.: 769-121/000-016</b> 2-conductor female connector; 4 mm²; 1-pole	/000-016	769-121
	<b>Item no.: 769-122</b> 2-conductor female connector; 4 mm²; 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>Item no.: 769-129</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 9-pole	769-129
	<b>Item no.: 769-130</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 10-pole	769-130
	<b>Item no.: 769-131</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 11-pole	769-131
	<b>Item no.: 769-132</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 12-pole	769-132
	<b>Item no.: 769-133</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 13-pole	769-133
<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>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>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>Marking accessories</b>		
	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-002
	<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	2009-145 /000-005
	<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	2009-145 /000-006
	<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	2009-145 /000-007
	<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 /000-012
	<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 /000-023
	<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 /000-024
	<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	248-501 /000-002
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-005
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-006
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-007
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-012
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-017
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-023
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-024
<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

Downloads

Documentation

Bid Text

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CAD/CAE - Smart Data

CAD data

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