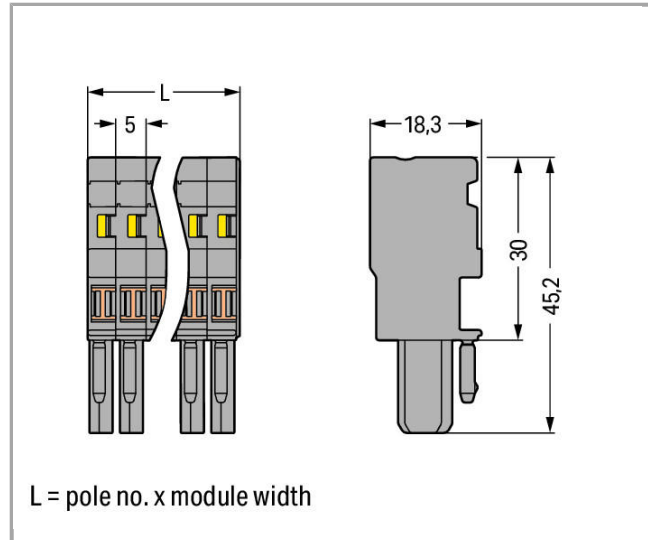


769-102



RoHS   
 Compliant


Color: 

## Item description

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

## 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	2
Total number of connection points	2
Total number of potentials	2
Type of wiring	Front-entry wiring

### Geometrical Data

Width	10 mm / 0.394 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

### Mechanical data

Marking level	Side marking
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## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

## Material Data





Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.108 MJ
Weight	6.272 g

## Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4044918471329
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

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14-HG1293677-





**BV**  
Bureau Veritas S.A.

EN 60947


07436/E0  
BV

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	UL 1977	E45171
	<b>UR</b> Underwriters Laboratories Inc.	UL 1059	E45172

### Compatible products


#### check

	<b>Item no.: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable	210-136
	<b>Item no.: 210-137</b> Test plug; 2.3 mm Ø; with 500 mm cable	210-137

#### General accessories

	<b>Item no.: 769-436</b> Jumper cover; for 1-conductor female plugs; for 5 poles	769-436
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#### Protective Warning Marker

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

	<b>Item no.: 769-1602</b> Strain relief housing	769-1602
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Item no.: 769-411  
Strain relief plate

769-411

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**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

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**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

Item no.: 216-301  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

216-301



Item no.: 216-302  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated

216-302

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**Male plug**


Item no.: 769-602  
1-conductor male connector; 4 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole

769-602



Item no.: 769-602/001-000  
1-conductor male connector; Snap-in mounting feet; 4 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole

769-602

















/001-000



Item no.: 769-602/002-000  
1-conductor male connector; clamping collar; 4 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole

769-602

/002-000

	<b>Item no.: 769-602/004-000</b> 1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 2-pole	769-602 /004-000
	<b>Item no.: 769-602/005-000</b> 1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 2-pole	769-602 /005-000
	<b>Item no.: 769-602/006-000</b> 1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 2-pole	769-602 /006-000
	<b>Item no.: 769-632</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632
	<b>Item no.: 769-632/000-036</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /000-036
	<b>Item no.: 769-632/003-000</b> THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole	769-632 /003-000
	<b>Item no.: 769-632/003-036</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /003-036
	<b>Item no.: 769-632/004-000</b> THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /004-000
	<b>Item no.: 769-632/007-000</b> THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole	769-632 /007-000
	<b>Item no.: 769-662</b> THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole	769-662
	<b>Item no.: 769-662/003-000</b> THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 2-pole	769-662 /003-000
	<b>Item no.: 769-662/004-000</b> THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole	769-662 /004-000
<b>Locking lever</b>		
	<b>Item no.: 769-428</b> Locking lever	769-428
	<b>Item no.: 769-429</b> Locking lever	769-429
	<b>Item no.: 769-430</b> Locking lever	769-430
	<b>Item no.: 769-431</b> Locking lever	769-431

## Jumper



Item no.: 769-402

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs

769-402

## 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



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.: 210-805

Labels; for Smart Printer

210-805



Item no.: 210-805/000-002

Labels; for Smart Printer

/000-002

210-805



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.: 210-834

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



	<p><b>Item no.: 248-501/000-005</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-006</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-007</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-012</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-017</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-023</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501
	<p><b>Item no.: 248-501/000-024</b>                  Mini-WSB marking card; as card; not stretchable; plain; snap-on type</p>	248-501

**Downloads**

**Documentation**

**Bid Text**

769-102	doc 25.6 kB	Download
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**CAD/CAE - Smart Data**

**CAD data**

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