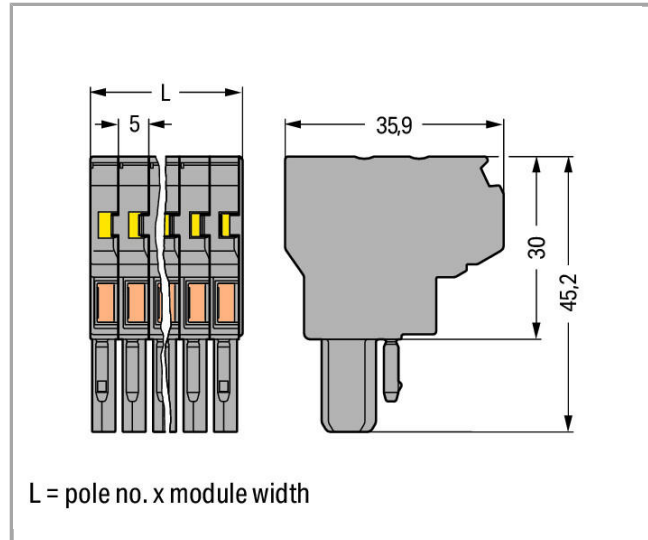


Data sheet | Item number: 769-122
2-conductor female connector; 4 mm²; 2-pole



769-122



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 ²
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	2
Total number of connection points	4
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	35.9 mm / 1.413 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	0.167 MJ
Weight	10.45 g





Commercial data

Product Group	18 (X-COM-System)
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Country of origin	PL
GTIN	4044918473880
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 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-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV

UL-Approvals











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




Underwriters Laboratories Inc.
















Compatible products

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302

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

Jumper



Item no.: 209-100
Collective carrier for adjacent jumpers; suitable for 279 to 284 Series adjacent jumpers, 215 Series banana plugs

209-100



Item no.: 280-402
Adjacent jumper; insulated; IN = IN terminal block

280-402



Item no.: 284-414
Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A

284-414



Item no.: 780-452
Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs

780-452



Item no.: 780-453
Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs

780-453



Item no.: 780-454
Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs

780-454



Item no.: 780-455
Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs

780-455



Item no.: 780-456
Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs

780-456



Item no.: 780-457
Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs

780-457



Item no.: 780-458
Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs

780-458



Item no.: 781-453
Staggered jumper; insulated; from 1 to 3; Spacing: 6 mm

781-453

Protective Warning Marker



Item no.: 280-415
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

280-415

check



Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable

210-136



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable

210-137

Coding



Item no.: 769-435
Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

















769-435

Insulation stop



Item no.: 769-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip

769-470

	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	769-472
Locking lever		
	Item no.: 769-430 Locking lever	769-430
	Item no.: 769-431 Locking lever	769-431
Female plug		
	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole	769-101
Male plug		
	Item no.: 769-602 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602
	Item no.: 769-602/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602 /001-000
	Item no.: 769-602/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602 /002-000
	Item no.: 769-602/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602 /004-000
	Item no.: 769-602/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602 /005-000
	Item no.: 769-602/006-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 2-pole	769-602 /006-000
	Item no.: 769-632 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632
	Item no.: 769-632/000-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /000-036
	Item no.: 769-632/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole	769-632 /003-000
	Item no.: 769-632/003-036 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /003-036
	Item no.: 769-632/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 2-pole	769-632 /004-000



Item no.: 769-632/007-000
 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 2-pole

/007-000 769-632



Item no.: 769-662
 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole

769-662



Item no.: 769-662/003-000
 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 2-pole

/003-000 769-662



Item no.: 769-662/004-000
 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 2-pole

/004-000 769-662

Strain relief plate



Item no.: 769-1602
 Strain relief housing

769-1602



Item no.: 769-411
 Strain relief plate

769-411

Downloads

Documentation

Bid Text

769-122	doc 26.1 kB	Download
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CAD/CAE - Smart Data

CAD data

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