

Data sheet | Item number: 769-605

1-conductor male connector; 4 mm²; Pin spacing 5 mm; 5-pole



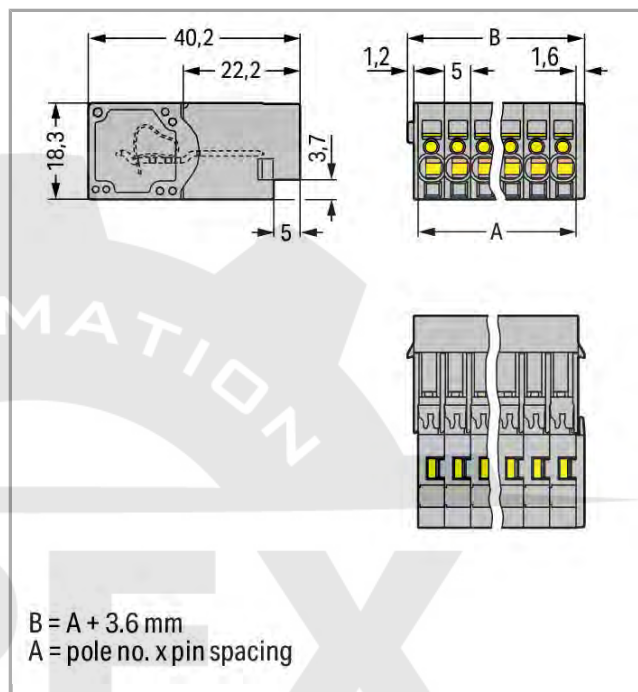
769-605



RoHS
Compliant

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 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	5



Total number of connection points	5
Total number of potentials	5
Type of wiring	Front-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	28.6 mm / 1.126 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	0.301 MJ
Weight	14.957 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521031
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

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

Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole	769-101
	Item no.: 769-101/000-016 1-conductor female plug; 4 mm ² ; 1-pole	769-101 /000-016
	Item no.: 769-101/022-000 1-conductor female plug; angled; 4 mm ² ; 1-pole	769-101 /022-000
	Item no.: 769-101/022-016 1-conductor female plug; angled; 4 mm ² ; 1-pole	769-101 /022-016
	Item no.: 769-102 1-conductor female plug; 4 mm ² ; 2-pole	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm ² ; 2-pole	769-102 /000-036



Item no.: 769-102/000-037
1-conductor female plug; 4 mm²; 2-pole

/000-037

769-102



Item no.: 769-103
1-conductor female plug; 4 mm²; 3-pole

769-103



Item no.: 769-103/000-036
1-conductor female plug; 4 mm²; 3-pole

/000-036

769-103



Item no.: 769-103/000-037
1-conductor female plug; 4 mm²; 3-pole

/000-037

769-103



Item no.: 769-103/000-038
1-conductor female plug; 4 mm²; 3-pole

/000-038

769-103



Item no.: 769-103/000-039
1-conductor female plug; 4 mm²; 3-pole

/000-039

769-103



Item no.: 769-104
1-conductor female plug; 4 mm²; 4-pole

769-104



Item no.: 769-104/000-036
1-conductor female plug; 4 mm²; 4-pole

/000-036

769-104



Item no.: 769-104/000-037
1-conductor female plug; 4 mm²; 4-pole

/000-037

769-104



Item no.: 769-104/000-038
1-conductor female plug; 4 mm²; 4-pole

/000-038

769-104



Item no.: 769-104/000-039
1-conductor female plug; 4 mm²; 4-pole

/000-039

769-104



Item no.: 769-105
1-conductor female plug; 4 mm²; 5-pole

769-105



Item no.: 769-105/000-036
1-conductor female plug; 4 mm²; 5-pole

/000-036

769-105



Item no.: 769-105/000-037
1-conductor female plug; 4 mm²; 5-pole

/000-037

769-105



Item no.: 769-105/000-038
1-conductor female plug; 4 mm²; 5-pole

/000-038

769-105

	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole	769-105 /000-039
	Item no.: 769-105/021-000 1-conductor female plug; Locking lever; 4 mm ² ; 5-pole	769-105 /021-000
	Item no.: 769-121 2-conductor female connector; 4 mm ² ; 1-pole	769-121
	Item no.: 769-122 2-conductor female connector; 4 mm ² ; 2-pole	769-122
	Item no.: 769-123 2-conductor female connector; 4 mm ² ; 3-pole	769-123
	Item no.: 769-124 2-conductor female connector; 4 mm ² ; 4-pole	769-124
	Item no.: 769-125 2-conductor female connector; 4 mm ² ; 5-pole	769-125
Strain relief plate		
	Item no.: 769-1605 Strain relief housing	769-1605
	Item no.: 769-412 Strain relief plate	769-412
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
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 mm²; 5 pieces/strip

769-471

**Item no.: 769-472**

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

769-472

Coding**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

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

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

2009-145

/000-002

**Item no.: 2009-145/000-005**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-005

**Item no.: 2009-145/000-006**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-006

**Item no.: 2009-145/000-007**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-007

**Item no.: 2009-145/000-012**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-012

**Item no.: 2009-145/000-023**

Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-023

**Item no.: 2009-145/000-024**

Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-024

**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.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833
	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	248-501 /000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-023
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-024
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415

Downloads

Documentation

Bid Text

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CAD/CAE - Smart Data

CAD data

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