

Data sheet | Item number: 769-610

1-conductor male connector; 4 mm²; Pin spacing 5 mm; 10-pole



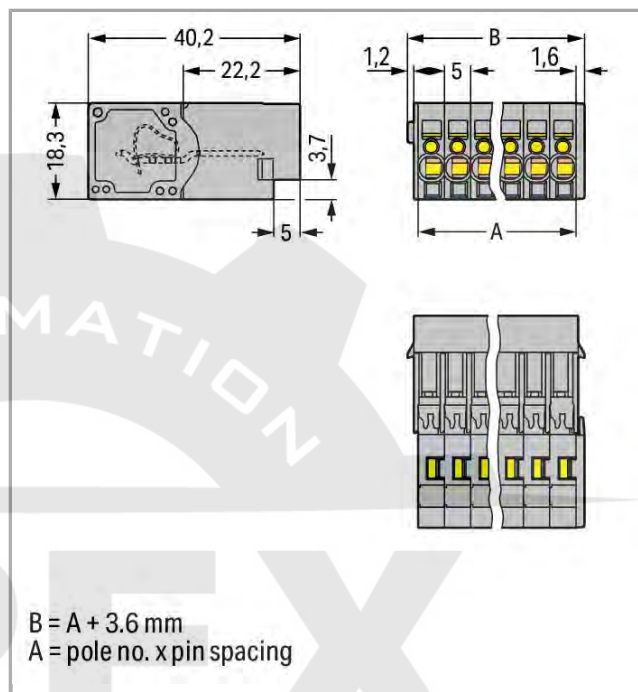
769-610



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	10

Total number of connection points	10
Total number of potentials	10
Type of wiring	Front-entry wiring

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	53.6 mm / 2.11 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	0.579 MJ
Weight	28.835 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521529
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 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

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 mm² / AWG 16; insulated; electro-tin plated

216-204



Item no.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated

216-206

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.: 210-831
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

/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

/000-024

248-501

Strain relief plate**Item no.: 769-1610**

Strain relief housing

769-1610

**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

/000-016

769-101

**Item no.: 769-101/022-000**1-conductor female plug; angled; 4 mm²; 1-pole

/022-000

769-101

**Item no.: 769-101/022-016**1-conductor female plug; angled; 4 mm²; 1-pole

/022-016

769-101

	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	/000-036	769-102
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole	/000-037	769-102
	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole		769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole	/000-036	769-103
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole	/000-037	769-103
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole	/000-038	769-103
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole	/000-039	769-103
	Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole		769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole	/000-036	769-104
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole	/000-037	769-104
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole	/000-038	769-104
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	/000-039	769-104
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole		769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole	/000-036	769-105
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 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 mm²; 5-pole	/000-039	769-105
	Item no.: 769-106 1-conductor female plug; 4 mm²; 6-pole		769-106
	Item no.: 769-106/000-006 1-conductor female plug; 4 mm²; 6-pole	/000-006	769-106
	Item no.: 769-106/000-036 1-conductor female plug; 4 mm²; 6-pole	/000-036	769-106
	Item no.: 769-106/000-037 1-conductor female plug; 4 mm²; 6-pole	/000-037	769-106
	Item no.: 769-106/000-038 1-conductor female plug; 4 mm²; 6-pole	/000-038	769-106
	Item no.: 769-106/000-039 1-conductor female plug; 4 mm²; 6-pole	/000-039	769-106
	Item no.: 769-107 1-conductor female plug; 4 mm²; 7-pole		769-107
	Item no.: 769-107/000-036 1-conductor female plug; 4 mm²; 7-pole	/000-036	769-107
	Item no.: 769-107/000-037 1-conductor female plug; 4 mm²; 7-pole	/000-037	769-107
	Item no.: 769-107/000-038 1-conductor female plug; 4 mm²; 7-pole	/000-038	769-107
	Item no.: 769-107/000-039 1-conductor female plug; 4 mm²; 7-pole	/000-039	769-107
	Item no.: 769-108 1-conductor female plug; 4 mm²; 8-pole		769-108
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm²; 8-pole	/000-036	769-108

	Item no.: 769-108/000-037 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm²; 8-pole	769-108 /000-039
	Item no.: 769-109 1-conductor female plug; 4 mm²; 9-pole	769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm²; 9-pole	769-109 /000-039
	Item no.: 769-110 1-conductor female plug; 4 mm²; 10-pole	769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-038
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm²; 10-pole	769-110 /000-039
	Item no.: 769-110/021-000 1-conductor female plug; Locking lever; 4 mm²; 10-pole	769-110 /021-000
	Item no.: 769-121 2-conductor female connector; 4 mm²; 1-pole	769-121
	Item no.: 769-122 2-conductor female connector; 4 mm²; 2-pole	769-122

**Item no.: 769-123**

2-conductor female connector; 4 mm²; 3-pole

769-123

**Item no.: 769-124**

2-conductor female connector; 4 mm²; 4-pole

769-124

**Item no.: 769-125**

2-conductor female connector; 4 mm²; 5-pole

769-125

**Item no.: 769-126**

2-conductor female connector; 4 mm²; 6-pole

769-126

**Item no.: 769-127**

2-conductor female connector; 4 mm²; 7-pole

769-127

**Item no.: 769-128**

2-conductor female connector; 4 mm²; 8-pole

769-128

**Item no.: 769-129**

2-conductor female connector; 4 mm²; 9-pole

769-129

**Item no.: 769-130**

2-conductor female connector; 4 mm²; 10-pole

769-130

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

Protective Warning Marker**Item no.: 280-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

280-415

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