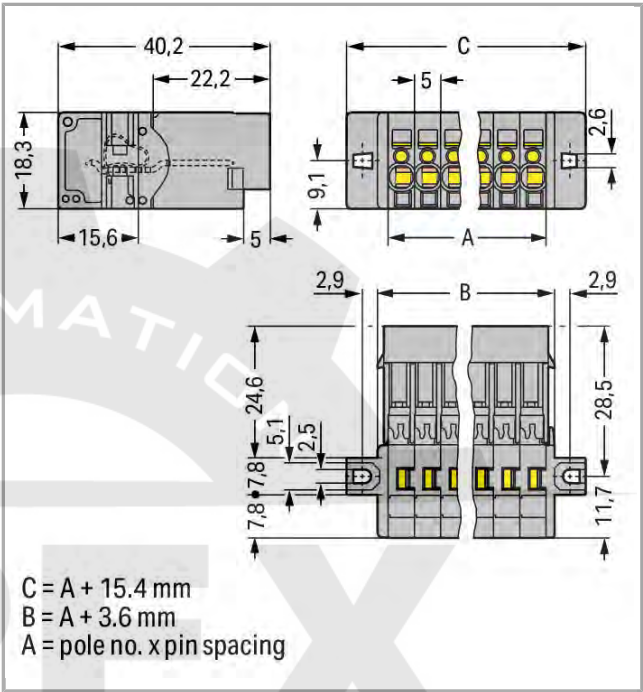
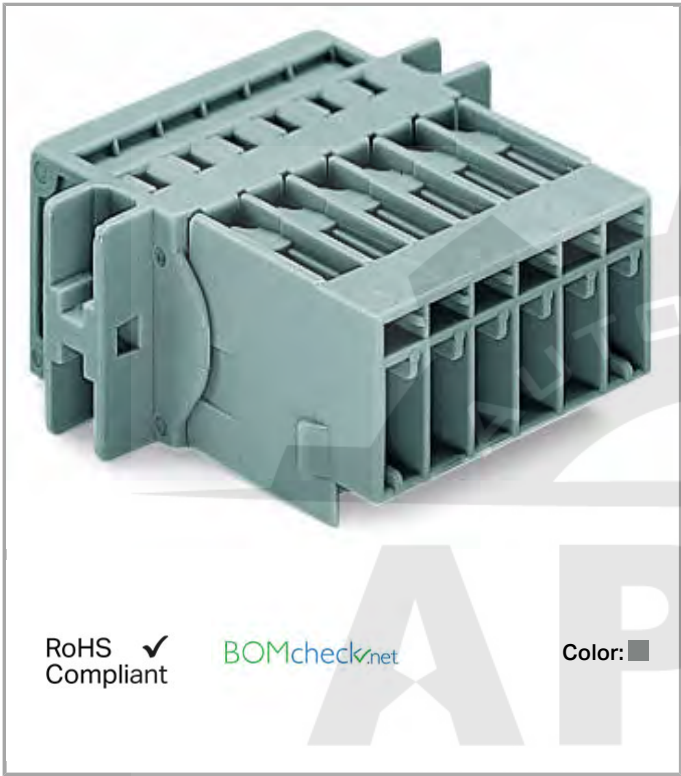


Data sheet | Item number: 769-610/002-000

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



769-610/002-000



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 mm²
Solid conductor	0.08 ... 4 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm² / 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	65.4 mm / 2.575 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	40.2 mm / 1.583 inch

Mechanical data

Mounting type	Mounting flange
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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	0.618 MJ
Weight	30.424 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521550
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

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

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

assembling

	Item no.: 769-499 Fixing screw M2.5 x 16; and hexagon nut M2.5	769-499
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Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm²; 1-pole	769-101
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	Item no.: 769-101/000-016 1-conductor female plug; 4 mm ² ; 1-pole	769-101 /000-016
	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 mm ² ; 2-pole	769-102 /000-037
	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	769-103 /000-036
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-037
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-038
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole	769-103 /000-039
	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	769-104 /000-036
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-038
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole	769-104 /000-039
	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	769-105 /000-036

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

	Item no.: 769-108/000-036 1-conductor female plug; 4 mm ² ; 8-pole	769-108 /000-036
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole	769-108 /000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm ² ; 8-pole	769-108 /000-038
	Item no.: 769-108/000-039 1-conductor female plug; 4 mm ² ; 8-pole	769-108 /000-039
	Item no.: 769-109 1-conductor female plug; 4 mm ² ; 9-pole	769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm ² ; 9-pole	769-109 /000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole	769-109 /000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole	769-109 /000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole	769-109 /000-039
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole	769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole	769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole	769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole	769-110 /000-038
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole	769-110 /000-039
	Item no.: 769-110/021-000 1-conductor female plug; Locking lever; 4 mm ² ; 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
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
Strain relief plate		
	Item no.: 769-410 Strain relief plate	769-410
	Item no.: 769-414 Strain relief plate	769-414
Coding		
	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors	769-435
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	/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

ferrule**Item no.: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101

**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

216-102

**Item no.: 216-103**Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

216-103

**Item no.: 216-104**Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

216-104

**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated

216-201

**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated

216-202

**Item no.: 216-203**Ferrule; Sleeve for 1 mm² / 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

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

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