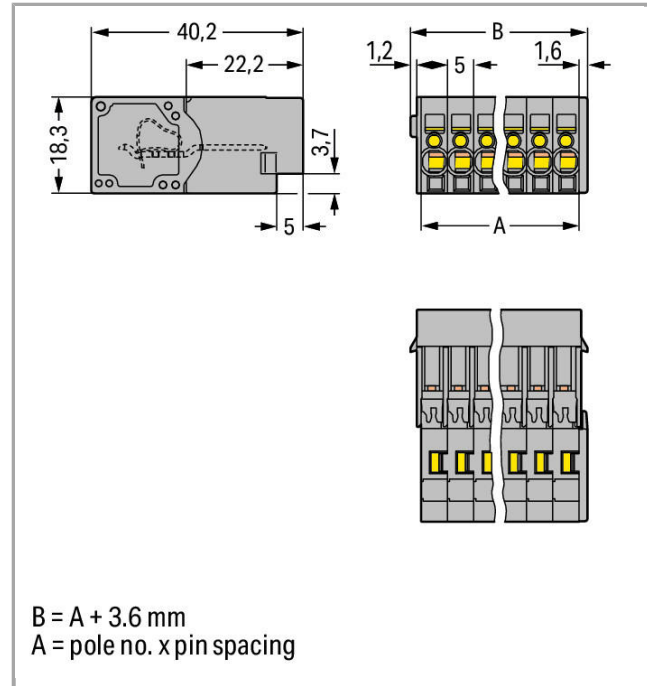


Data sheet | Item number: 769-614

1-conductor male connector; 4 mm²; Pin spacing 5 mm; 14-pole; 4,00 mm²; gray



769-614



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
Total number of connection points	14

Total number of potentials	14
Type of wiring	Front-entry wiring
No. of poles	14

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	73.6 mm / 2.898 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	0.801 MJ
Weight	40.753 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521864
Customs Tariff No.	85366990990

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 61984	2190419.02
	CCA	IEC 61984	NL-47799
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7626
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144



KEMA/KEUR





EN 60947

2190419.01





DEKRA Certification B.V.

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	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

Other Approvals

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	31.07.2019- E45172



UR



Underwriters Laboratories Inc.

UL 1977








E45171-
20010720
















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	769-434

Female plug

	Item no.: 769-101 1-conductor female plug; 4 mm ² ; 1-pole; 4,00 mm ² ; gray	769-101
	Item no.: 769-101/000-016 1-conductor female plug; 4 mm ² ; 1-pole; 4,00 mm ² ; green-yellow	769-101 /000-016
	Item no.: 769-101/022-000 1-conductor female plug; angled; 4 mm ² ; 1-pole; 4,00 mm ² ; gray	769-101 /022-000
	Item no.: 769-101/022-016 1-conductor female plug; angled; 4 mm ² ; 1-pole; 4,00 mm ² ; green-yellow	769-101 /022-016
	Item no.: 769-102 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; gray	769-102
	Item no.: 769-102/000-036 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; gray, green-yellow	769-102 /000-036
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; green-yellow, gray	769-102 /000-037

	Item no.: 769-103 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray		769-103
	Item no.: 769-103/000-036 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray, green-yellow	/000-036	769-103
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-103
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray, blue, green-yellow	/000-038	769-103
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, blue, gray	/000-039	769-103
	Item no.: 769-104 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray		769-104
	Item no.: 769-104/000-036 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray, green-yellow	/000-036	769-104
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-104
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray, blue, green-yellow	/000-038	769-104
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, blue, gray	/000-039	769-104
	Item no.: 769-105 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray		769-105
	Item no.: 769-105/000-036 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray, green-yellow	/000-036	769-105
	Item no.: 769-105/000-037 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-105
	Item no.: 769-105/000-038 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; gray, blue, green-yellow	/000-038	769-105
	Item no.: 769-105/000-039 1-conductor female plug; 4 mm ² ; 5-pole; 4,00 mm ² ; green-yellow, blue, gray	/000-039	769-105
	Item no.: 769-106 1-conductor female plug; 4 mm ² ; 6-pole; 4,00 mm ² ; gray		769-106

**Item no.: 769-106/000-006**1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; blue

/000-006

769-106

Item no.: 769-106/000-0361-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellow

/000-036

769-106

Item no.: 769-106/000-0371-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, gray

/000-037

769-106

Item no.: 769-106/000-0381-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellow

/000-038

769-106

Item no.: 769-106/000-0391-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, gray

/000-039

769-106

Item no.: 769-1071-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray

769-107

Item no.: 769-107/000-0361-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellow

/000-036

769-107

Item no.: 769-107/000-0371-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, gray

/000-037

769-107

Item no.: 769-107/000-0381-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellow

/000-038

769-107

Item no.: 769-107/000-0391-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, gray

/000-039

769-107

Item no.: 769-1081-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray

769-108

Item no.: 769-108/000-0361-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, green-yellow

/000-036

769-108

Item no.: 769-108/000-0371-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; green-yellow, gray
















/000-037
















769-108




















Item no.: 769-108/000-0381-conductor female plug; 4 mm²; 8-pole; 4,00 mm²; gray, blue, green-yellow
















/000-038

769-108

	Item no.: 769-108/000-039 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; green-yellow, blue, gray	769-108 /000-039
	Item no.: 769-109 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	769-109
	Item no.: 769-109/000-036 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, green-yellow	769-109 /000-036
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, gray	769-109 /000-037
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, blue, green-yellow	769-109 /000-038
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, blue, gray	769-109 /000-039
	Item no.: 769-110 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray	769-110
	Item no.: 769-110/000-036 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, green-yellow	769-110 /000-036
	Item no.: 769-110/000-037 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; green-yellow, gray	769-110 /000-037
	Item no.: 769-110/000-038 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; gray, blue, green-yellow	769-110 /000-038
	Item no.: 769-110/000-039 1-conductor female plug; 4 mm ² ; 10-pole; 4,00 mm ² ; green-yellow, blue, gray	769-110 /000-039
	Item no.: 769-111 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray	769-111
	Item no.: 769-111/000-036 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray, green-yellow	769-111 /000-036
	Item no.: 769-111/000-037 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; green-yellow, gray	769-111 /000-037
	Item no.: 769-111/000-038 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; gray, blue, green-yellow	769-111 /000-038

	Item no.: 769-111/000-039 1-conductor female plug; 4 mm ² ; 11-pole; 4,00 mm ² ; green-yellow, blue, gray		769-111
		/000-039	
	Item no.: 769-112 1-conductor female plug; 4 mm ² ; 12-pole; 4,00 mm ² ; gray		769-112
	Item no.: 769-112/000-036 1-conductor female plug; 4 mm ² ; 12-pole; 4,00 mm ² ; gray, green-yellow		769-112
		/000-036	
	Item no.: 769-112/000-037 1-conductor female plug; 4 mm ² ; 12-pole; 4,00 mm ² ; green-yellow, gray		769-112
		/000-037	
	Item no.: 769-112/000-038 1-conductor female plug; 4 mm ² ; 12-pole; 4,00 mm ² ; gray, blue, green-yellow		769-112
		/000-038	
	Item no.: 769-112/000-039 1-conductor female plug; 4 mm ² ; 12-pole; 4,00 mm ² ; green-yellow, blue, gray		769-112
		/000-039	
	Item no.: 769-113 1-conductor female plug; 4 mm ² ; 13-pole; 4,00 mm ² ; gray		769-113
	Item no.: 769-113/000-036 1-conductor female plug; 4 mm ² ; 13-pole; 4,00 mm ² ; gray, green-yellow		769-113
		/000-036	
	Item no.: 769-113/000-037 1-conductor female plug; 4 mm ² ; 13-pole; 4,00 mm ² ; green-yellow, gray		769-113
		/000-037	
	Item no.: 769-113/000-038 1-conductor female plug; 4 mm ² ; 13-pole; 4,00 mm ² ; gray, blue, green-yellow		769-113
		/000-038	
	Item no.: 769-113/000-039 1-conductor female plug; 4 mm ² ; 13-pole; 4,00 mm ² ; green-yellow, blue, gray		769-113
		/000-039	
	Item no.: 769-114 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; gray		769-114
	Item no.: 769-114/000-036 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; gray, green-yellow		769-114
		/000-036	
	Item no.: 769-114/000-037 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; green-yellow, gray		769-114
		/000-037	
	Item no.: 769-114/000-038 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; gray, blue, green-yellow		769-114
		/000-038	

	Item no.: 769-114/000-039 1-conductor female plug; 4 mm ² ; 14-pole; 4,00 mm ² ; green-yellow, blue, gray	769-114
		7000-039
	Item no.: 769-114/021-000 1-conductor female plug; Locking lever; 4 mm ² ; 14-pole; 4,00 mm ² ; gray	769-114
		7021-000
	Item no.: 769-121 2-conductor female connector; 4 mm ² ; 1-pole; 4,00 mm ² ; gray	769-121
	Item no.: 769-122 2-conductor female connector; 4 mm ² ; 2-pole; 4,00 mm ² ; gray	769-122
	Item no.: 769-123 2-conductor female connector; 4 mm ² ; 3-pole; 4,00 mm ² ; gray	769-123
	Item no.: 769-124 2-conductor female connector; 4 mm ² ; 4-pole; 4,00 mm ² ; gray	769-124
	Item no.: 769-125 2-conductor female connector; 4 mm ² ; 5-pole; 4,00 mm ² ; gray	769-125
	Item no.: 769-126 2-conductor female connector; 4 mm ² ; 6-pole; 4,00 mm ² ; gray	769-126
	Item no.: 769-127 2-conductor female connector; 4 mm ² ; 7-pole; 4,00 mm ² ; gray	769-127
	Item no.: 769-128 2-conductor female connector; 4 mm ² ; 8-pole; 4,00 mm ² ; gray	769-128
	Item no.: 769-129 2-conductor female connector; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	769-129
	Item no.: 769-130 2-conductor female connector; 4 mm ² ; 10-pole; 4,00 mm ² ; gray	769-130
	Item no.: 769-131 2-conductor female connector; 4 mm ² ; 11-pole; 4,00 mm ² ; gray	769-131
	Item no.: 769-132 2-conductor female connector; 4 mm ² ; 12-pole; 4,00 mm ² ; gray	769-132
	Item no.: 769-133 2-conductor female connector; 4 mm ² ; 13-pole; 4,00 mm ² ; gray	769-133
	Item no.: 769-134 2-conductor female connector; 4 mm ² ; 14-pole; 4,00 mm ² ; gray	769-134
Insulation stop		
	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	769-472

Coding			
	Item no.: 769-435 Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors; orange		769-435
Strain relief plate			
	Item no.: 769-1614 Strain relief housing; gray		769-1614
	Item no.: 769-414 Strain relief plate; gray		769-414
Protective Warning Marker			
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow		280-415
Marking accessories			
	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white		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; yellow	/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; red	/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; blue	/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; gray	/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; orange	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green	/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; violet	/000-024	2009-145
	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white		210-831
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white		210-832
	Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white		210-833
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white		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; yellow

/000-002

248-501

**Item no.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-005

248-501

**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-006

248-501

**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-007

248-501

**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-012

248-501

**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-017

248-501

**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/000-023

248-501

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

/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; white

216-201

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

216-202

**Item no.: 216-203**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

216-203



Item no.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

216-204



Item no.: 216-206

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

216-206

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Documentation

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Additional Information

Technical explanations

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