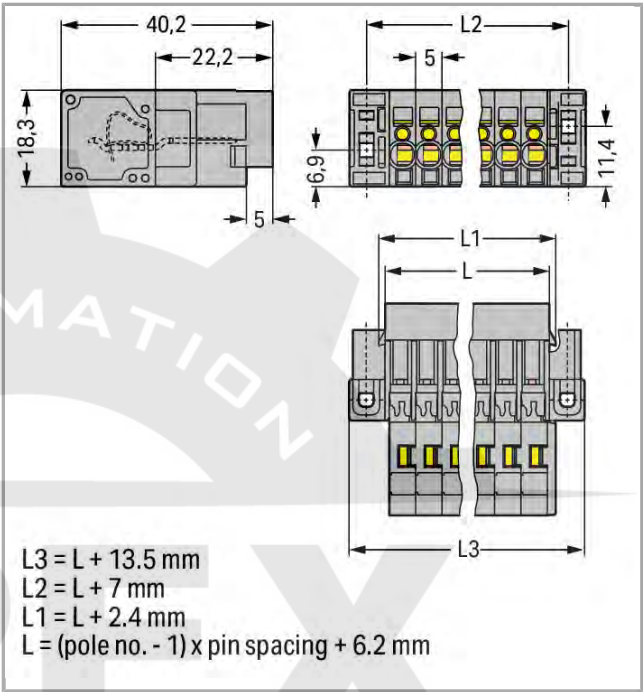
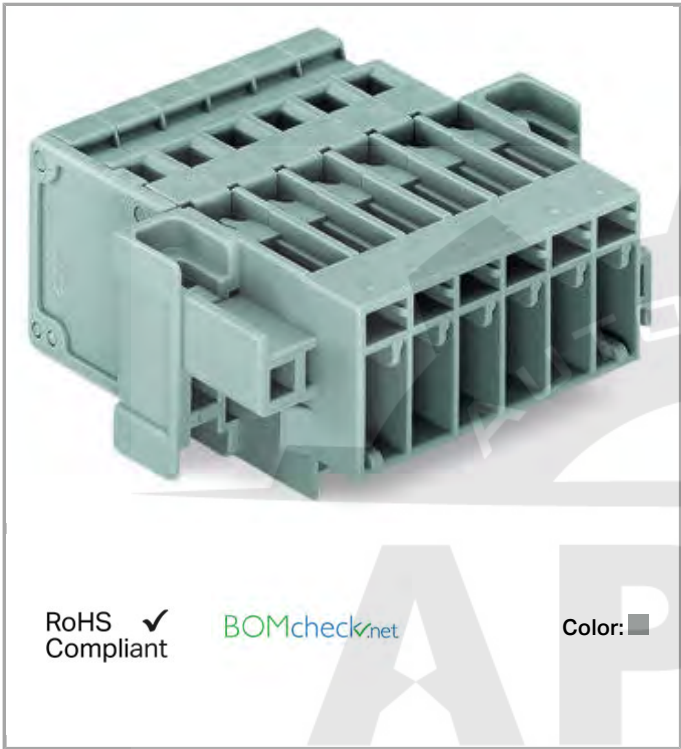


Data sheet | Item number: 769-609/004-000

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



769-609_004-000



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
Total number of connection points	9

Total number of potentials	9
Type of wiring	Front-entry wiring
No. of poles	9

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	59.7 mm / 2.35 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	0.56 MJ
Weight	27.683 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918521482
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

CCA



CSA
DEKRA Certification B.V.

C22.2 No. 158

1101144



KEMA/KEUR
DEKRA Certification B.V.

EN 60947

2190419.01

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

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

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
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Protective Warning Marker

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

Strain relief plate

	Item no.: 769-410 Strain relief plate; gray	769-410
	Item no.: 769-413 Strain relief plate; gray	769-413

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.: 769-102 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	769-103 /000-036
	Item no.: 769-103/000-037 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, gray	769-103 /000-037
	Item no.: 769-103/000-038 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; gray, blue, green-yellow	769-103 /000-038
	Item no.: 769-103/000-039 1-conductor female plug; 4 mm ² ; 3-pole; 4,00 mm ² ; green-yellow, blue, gray	769-103 /000-039
	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	769-104 /000-036
	Item no.: 769-104/000-037 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, gray	769-104 /000-037
	Item no.: 769-104/000-038 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; gray, blue, green-yellow	769-104 /000-038
	Item no.: 769-104/000-039 1-conductor female plug; 4 mm ² ; 4-pole; 4,00 mm ² ; green-yellow, blue, gray	769-104 /000-039
	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 mm²; 5-pole; 4,00 mm²; gray, green-yellow

/000-036

769-105

**Item no.: 769-105/000-037**

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, gray

/000-037

769-105

**Item no.: 769-105/000-038**

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; gray, blue, green-yellow

/000-038

769-105

**Item no.: 769-105/000-039**

1-conductor female plug; 4 mm²; 5-pole; 4,00 mm²; green-yellow, blue, gray

/000-039

769-105

**Item no.: 769-106**

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; 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.: 769-106/000-036**

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, green-yellow

/000-036

769-106

**Item no.: 769-106/000-037**

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, gray

/000-037

769-106

**Item no.: 769-106/000-038**

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; gray, blue, green-yellow

/000-038

769-106

**Item no.: 769-106/000-039**

1-conductor female plug; 4 mm²; 6-pole; 4,00 mm²; green-yellow, blue, gray

/000-039

769-106

**Item no.: 769-107**

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray

769-107

**Item no.: 769-107/000-036**

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, green-yellow

/000-036

769-107

**Item no.: 769-107/000-037**

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, gray

/000-037

769-107

**Item no.: 769-107/000-038**

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; gray, blue, green-yellow

/000-038

769-107

**Item no.: 769-107/000-039**

1-conductor female plug; 4 mm²; 7-pole; 4,00 mm²; green-yellow, blue, gray

/000-039

769-107

	Item no.: 769-108 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray	769-108
	Item no.: 769-108/000-036 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray, green-yellow	769-108 /000-036
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; green-yellow, gray	769-108 /000-037
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; gray, blue, green-yellow	769-108 /000-038
	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.: 769-109/021-000 1-conductor female plug; Locking lever; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	769-109 /021-000
	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 mm²; 7-pole; 4,00 mm²; gray

769-127

**Item no.: 769-128**2-conductor female connector; 4 mm²; 8-pole; 4,00 mm²; gray

769-128

**Item no.: 769-129**2-conductor female connector; 4 mm²; 9-pole; 4,00 mm²; gray

769-129

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 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; white		216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray		216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red		216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black		216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; blue		216-206



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Documentation
Bid Text

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CAD/CAE - Smart Data

CAD data

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Product family

X-COM
Show all products from the family

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