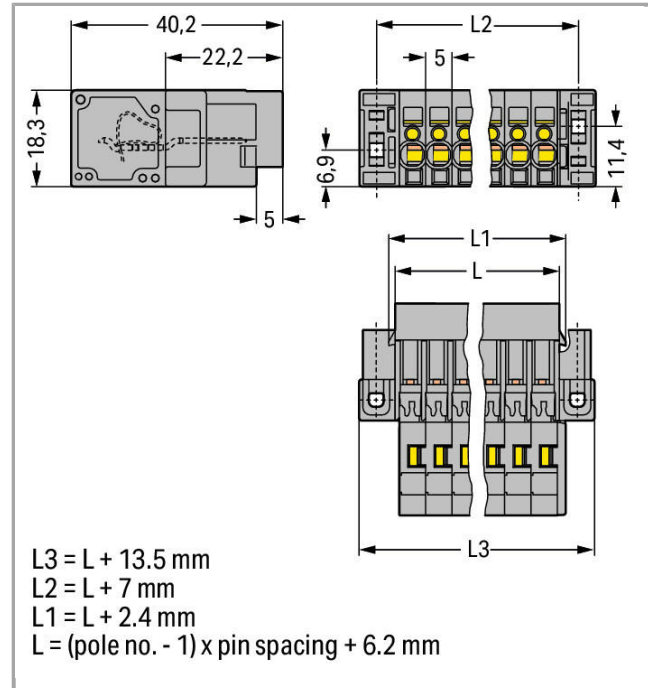
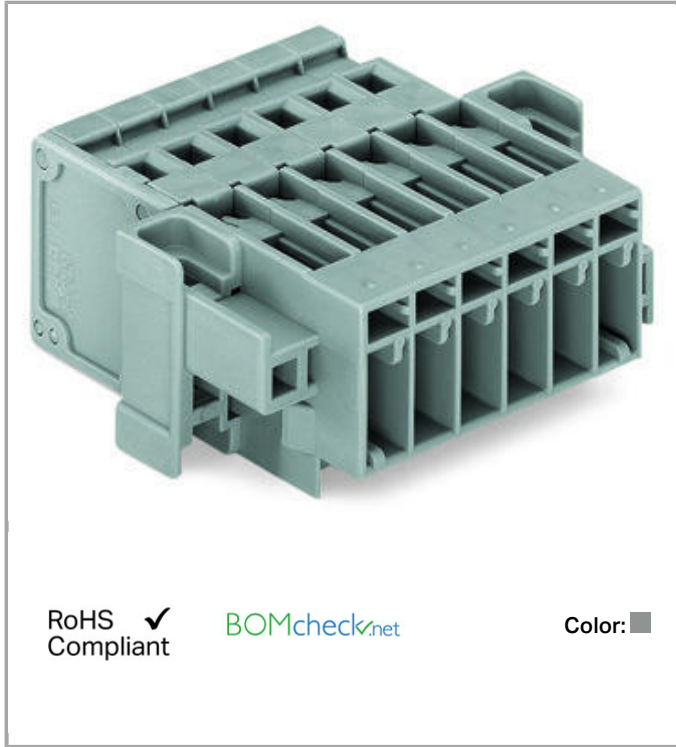


Data sheet | Item number: 769-609/004-000

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 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	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	/000-016	769-101
	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	/000-036	769-102
	Item no.: 769-102/000-037 1-conductor female plug; 4 mm ² ; 2-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-102
	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 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	/000-036	769-108
	Item no.: 769-108/000-037 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-108
	Item no.: 769-108/000-038 1-conductor female plug; 4 mm ² ; 8-pole; 4,00 mm ² ; 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	/000-039	769-108
	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	/000-036	769-109
	Item no.: 769-109/000-037 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, gray	/000-037	769-109
	Item no.: 769-109/000-038 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; gray, blue, green-yellow	/000-038	769-109
	Item no.: 769-109/000-039 1-conductor female plug; 4 mm ² ; 9-pole; 4,00 mm ² ; green-yellow, blue, gray	/000-039	769-109
	Item no.: 769-109/021-000 1-conductor female plug; Locking lever; 4 mm ² ; 9-pole; 4,00 mm ² ; gray	/021-000	769-109
	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
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	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; red	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; blue	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; gray	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; orange	2009-145 /000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green	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; violet	2009-145 /000-024
	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	248-501 /000-002

	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



Downloads

Documentation

Bid Text

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Additional Information

Technical explanations	Apr 3, 2019		pdf 2.1 MB	Download
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