

Data sheet | Item number: 769-110/000-039

1-conductor female plug; 4 mm²; 10-pole; 4,00 mm²; green-yellow, blue, gray



769-110_000-039



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Item description

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

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	10
Total number of potentials	10
Type of wiring	Front-entry wiring
No. of poles	10

Geometrical Data

Width	50 mm / 1.969 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

Mechanical data

Marking level	Side marking
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Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

Material Data

Color	green-yellow, blue, gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.057 MJ
Weight	32.396 g

Commercial data

Country of origin	DE
GTIN	4050821653509
Customs Tariff No.	85366990990

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

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	20190731- E45172
	UR Underwriters Laboratories Inc.	UL 1977	E45171- 20010720

Compatible products

Jumper

**Item no.: 769-402**

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs; gray

769-402

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.: 210-805**

Labels; for Smart Printer; permanent adhesive; white

210-805

**Item no.: 210-805/000-002**

Labels; for Smart Printer; permanent adhesive; yellow

/000-002

210-805

**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.: 210-834
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

check



Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

210-136



Item no.: 210-137
Test plug; 2.3 mm Ø; with 500 mm cable; yellow

210-137

Locking lever



Item no.: 769-428
Locking lever; gray

769-428



Item no.: 769-429
Locking lever; orange

769-429



Item no.: 769-430
Locking lever; gray

769-430



Item no.: 769-431
Locking lever; orange

769-431

Insulation stop

**Item no.: 769-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

769-470

**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

769-471

**Item no.: 769-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

769-472

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

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

280-415

General accessories**Item no.: 769-436**

Jumper cover; for 1-conductor female plugs; for 5 poles; gray

769-436

Male plug**Item no.: 769-610**1-conductor male connector; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-610/001-000**1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-610/002-000**1-conductor male connector; clamping collar; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-610/004-000**1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-610/005-000**1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-610/006-000**1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 10-pole; 4,00 mm²; gray

769-610

**Item no.: 769-640**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole; gray

769-640

**Item no.: 769-640/003-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole; gray

769-640

**Item no.: 769-640/004-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole; gray

769-640

**Item no.: 769-640/007-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 10-pole; gray

769-640

**Item no.: 769-670**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 10-pole; gray

769-670

	Item no.: 769-670/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 10-pole; gray	769-670 /003-000
	Item no.: 769-670/004-000 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 10-pole; gray	769-670 /004-000
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
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	216-302
Strain relief plate		
	Item no.: 769-414 Strain relief plate; gray	769-414

Downloads

Documentation

Bid Text

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Additional Information

Technical explanations	Apr 3, 2019	pdf	Download
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