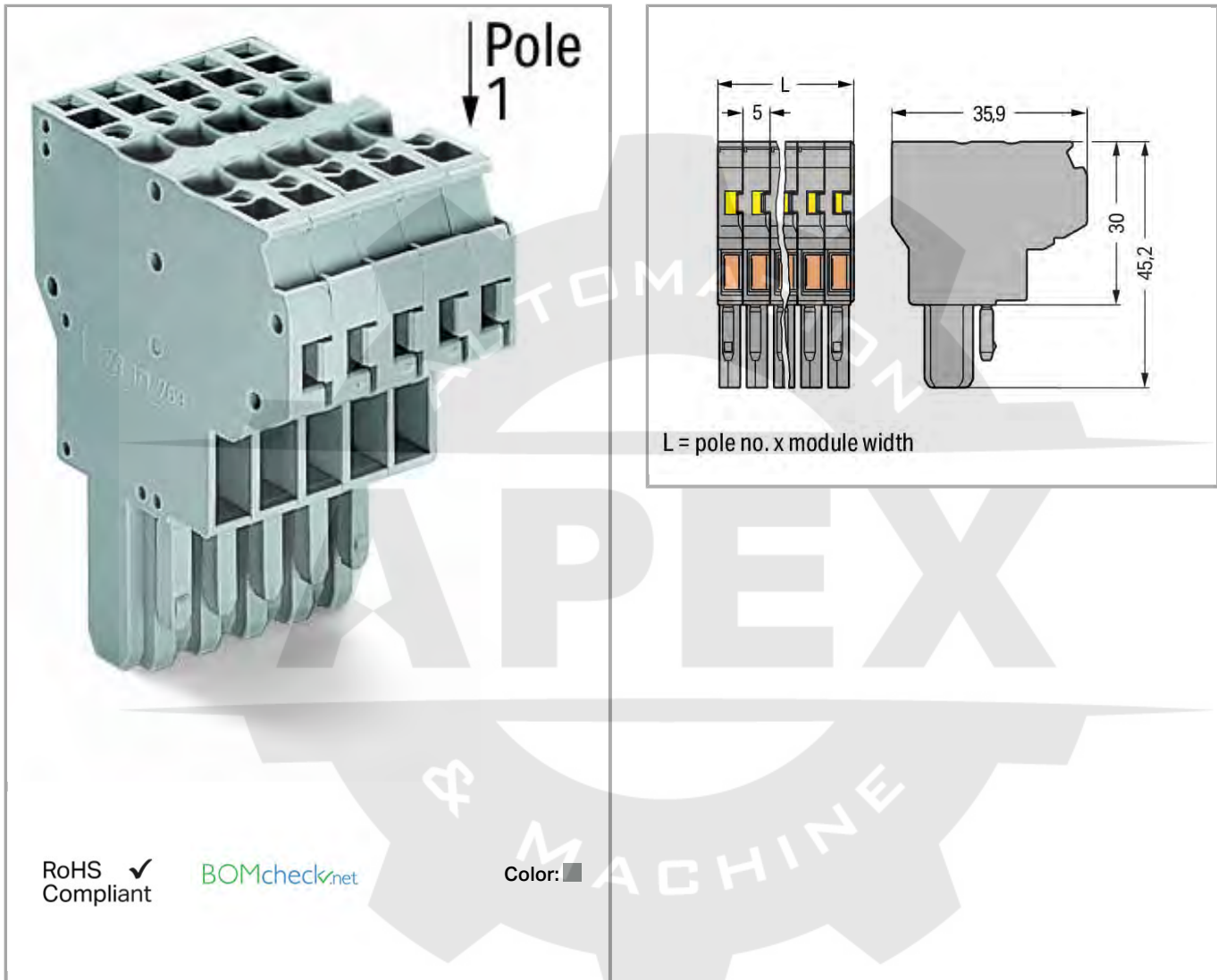




Item description

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
No. of poles	10
Total number of connection points	20
Total number of potentials	10
Type of wiring	Front-entry wiring

Geometrical Data

Width	50 mm / 1.969 inch
Height	45.2 mm / 1.78 inch
Depth	35.9 mm / 1.413 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	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.847 MJ
Weight	51.81 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	PL
GTIN	4044918474245

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

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14-HG1293677-PDA

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

Coding

**Item no.: 769-435**

Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors

769-435

Jumper

**Item no.: 209-100**

Collective carrier for adjacent jumpers; suitable for 279 to 284 Series adjacent jumpers, 215 Series banana plugs

209-100

**Item no.: 280-402**

Adjacent jumper; insulated; IN = IN terminal block

280-402

**Item no.: 284-414**Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A

284-414

**Item no.: 780-452**

Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs

780-452

**Item no.: 780-453**

Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs

780-453

**Item no.: 780-454**

Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs

780-454

**Item no.: 780-455**

Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs

780-455

**Item no.: 780-456**

Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs

780-456

**Item no.: 780-457**

Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs

780-457

**Item no.: 780-458**

Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs

780-458

**Item no.: 781-453**

Staggered jumper; insulated; from 1 to 3; Spacing: 6 mm

781-453

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	/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	/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	/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.: 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

248-501

/000-024

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

Strain relief plate



Item no.: 769-414

Strain relief plate

769-414

Male plug



Item no.: 769-610

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

769-610



Item no.: 769-610/001-000

1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 10-pole

769-610

/001-000



Item no.: 769-610/002-000

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

769-610

/002-000



Item no.: 769-610/004-000

1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 10-pole

769-610

/004-000



Item no.: 769-610/005-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 10-pole

769-610

/005-000



Item no.: 769-610/006-000

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 10-pole

769-610

/006-000



Item no.: 769-640

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

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

769-640

/003-000



Item no.: 769-640/004-000

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

769-640

/004-000



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

769-640

/007-000

Item no.: 769-670



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

769-670

**Item no.: 769-670/003-000**

769-670

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

/003-000

**Item no.: 769-670/004-000**

769-670

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

/004-000

check**Item no.: 210-136**

210-136

Test plug; 2 mm Ø; with 500 mm cable

**Item no.: 210-137**

210-137

Test plug; 2.3 mm Ø; with 500 mm cable

ferrule**Item no.: 216-101**

216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated**Item no.: 216-102**

216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated**Item no.: 216-103**

216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated**Item no.: 216-104**

216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated**Item no.: 216-201**

216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated**Item no.: 216-202**

216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated**Item no.: 216-203**

216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated**Item no.: 216-204**

216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated**Item no.: 216-206**

216-206

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated**Item no.: 216-301**

216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated**Item no.: 216-302**

216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated**Locking lever****Item no.: 769-430**

769-430

Locking lever

**Item no.: 769-431**

769-431

Locking lever



Protective Warning Marker



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

280-415

Downloads
Documentation

Bid Text

769-130	doc 26.1 kB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 769-130	URL	Download
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Subject to changes.