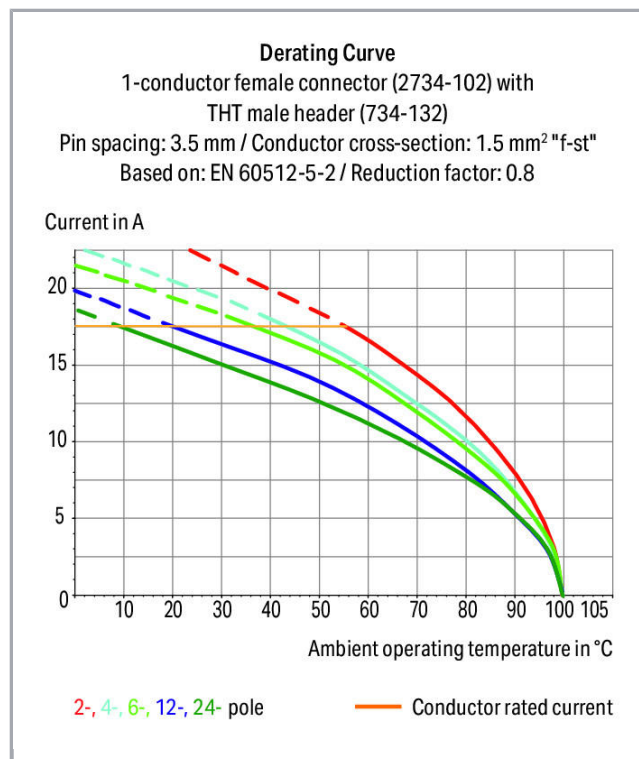
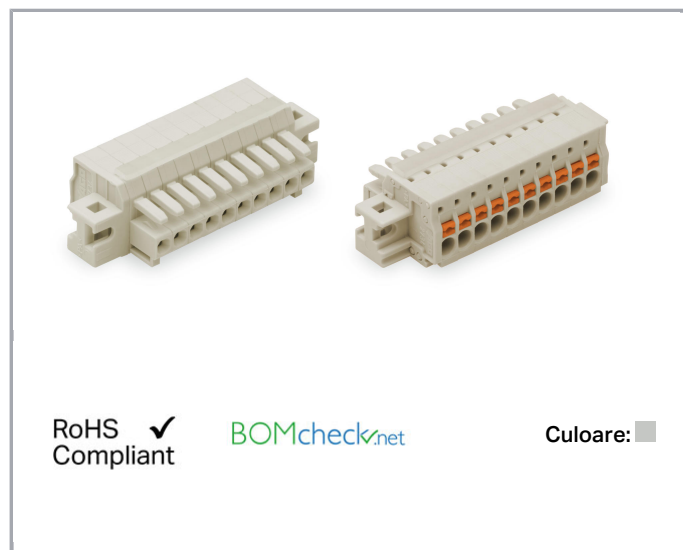


Fișă tehnică | Număr articol: 2734-116/027-000

1-conductor female plug; 100% protected against mismating; push-button; clamping collar; 1.5 mm²; Pin spacing 3.5 mm; 16-pole; 1,50 mm²; light gray

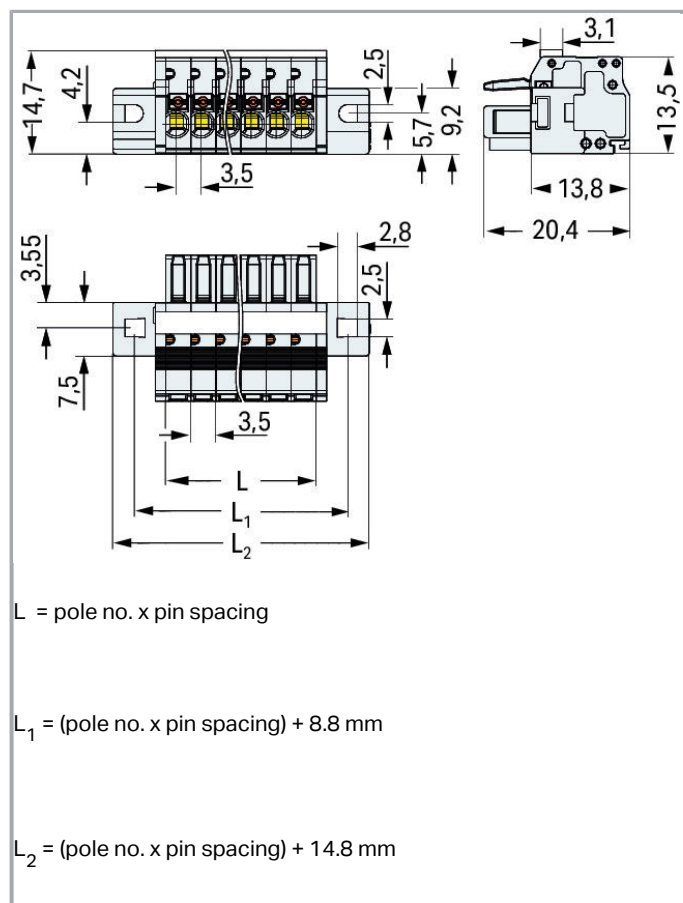
www.wago.com/2734-116/027-000



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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- Universal connection for all conductor types
- Easy-to-use design does not require specialty tools
- Ability to wire while mated
- Simple, push-in termination of solid and ferruled conductors
- Integrated test ports for testing parallel to the conductor entry
- 100% protected against mismatching
- Coding via coding fingers

Safety information 1:

The MCS – *MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

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Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	160 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2,5 kV
Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2,5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0,2 ... 1,5 mm ² / 24 ... 16 AWG
Fine-stranded conductor	0,2 ... 1,5 mm ² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0,25 ... 0,75 mm ²
Fine-stranded conductor; with uninsulated ferrule	0,25 ... 1,5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch

Supus modificărilor.



Pole No.	16
Total number of connection points	16
Total number of potentials	16
Number of connection types	1
Number of levels	1
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	3,5 mm / 0.138 inch
Width	70,8 mm / 2.787 inch
Height	14,7 mm / 0.579 inch
Depth	20,4 mm / 0.803 inch

Mechanical data

Mounting type	Mounting flange
Mounting type	Feed-through mounting Panel mounting
with reinforcing strips	1

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes

Material Data

Color	light gray
Material group	I
Insulation material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0,295 MJ
Weight	14,8 g

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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Environmental Requirements

Limit temperature range	-60 ... +100 °C
-------------------------	-----------------

Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	PL
GTIN	4055143281942
Customs tariff number	85366990990

Aprobări / certificate

Country specific Approvals

Embleă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CSA DEKRA Certification B.V.	C22.2 No. 158	2314554

UL-Approvals

Embleă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL UL International Germany GmbH	UL 1977	20150318-E45171
	UR Underwriters Laboratories Inc.	UL 1059	20190122-E45172

Counterpart



Nr. articol 734-316

1-conductor male connector; 100% protected against mismatching; 1.5 mm²; Pin spacing 3.5 mm; 16-pole; 1,50 mm²; light gray

www.wago.com/734-316

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Aveți întrebări despre produsele noastre?
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**Nr. articol** 734-146

THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 16-pole; light gray

www.wago.com/734-146

**Nr. articol** 734-176

THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 16-pole; light gray

www.wago.com/734-176

Produse compatibile

ferrule

**Nr. articol:** 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-101

**Nr. articol:** 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-102

**Nr. articol:** 216-121

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

www.wago.com/216-121

**Nr. articol:** 216-122

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

www.wago.com/216-122

**Nr. articol:** 216-131

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-131

**Nr. articol:** 216-132

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-132

**Nr. articol:** 216-141

Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-141

**Nr. articol:** 216-142

Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-142

**Nr. articol:** 216-151

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-151

**Nr. articol:** 216-152

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-152

**Nr. articol:** 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

**Nr. articol:** 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202

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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

	Nr. articol: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
	Nr. articol: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Nr. articol: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Nr. articol: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Nr. articol: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-262
	Nr. articol: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Nr. articol: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-302
	Nr. articol: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Nr. articol: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-322
tools		
	Nr. articol: 210-250 Operating tool; for MCS MINI & MIDI with CAGE CLAMP® connection; red	www.wago.com/210-250
	Nr. articol: 210-251 Operating tool; for MCS MICRO & MINI with CAGE CLAMP® connection; yellow	www.wago.com/210-251
	Nr. articol: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-647
	Nr. articol: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
	Nr. articol: 734-190 Combination operating tool; natural	www.wago.com/734-190
	Nr. articol: 734-191 Operating tool; loose; black	www.wago.com/734-191
	Nr. articol: 734-230 Push-button	www.wago.com/734-230
	Nr. articol: 734-231 Operating tool; black	www.wago.com/734-231

Strain relief plate

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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Nr. articol: 734-126
Strain relief plate; light gray

www.wago.com/734-126

Descărcări Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3,6 MB	Descărcare
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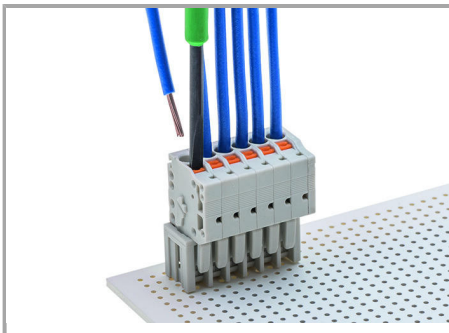
CAD/CAE-Data

CAD data

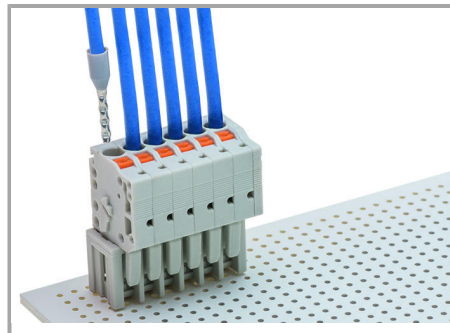
2D/3D Models 2734-116/027-000	URL	Descărcare
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Installation Notes

Inserting a conductor



Inserting a fine stranded conductor into Push-in CAGE CLAMP® unit via push-button.



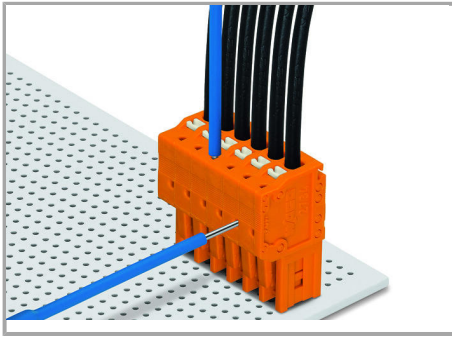
Solid and ferruled conductors are terminated by simply pushing them into unit.

Testing

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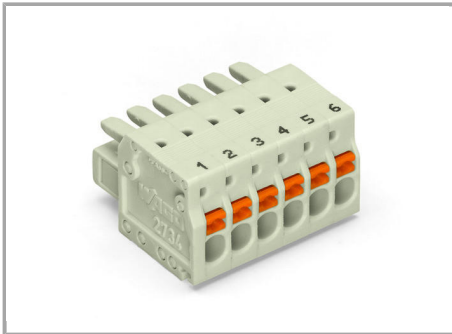
Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Testing via 1 mm Ø test pin (735-500).

Push-in CAGE CLAMP® termination – parallel
to conductor entry

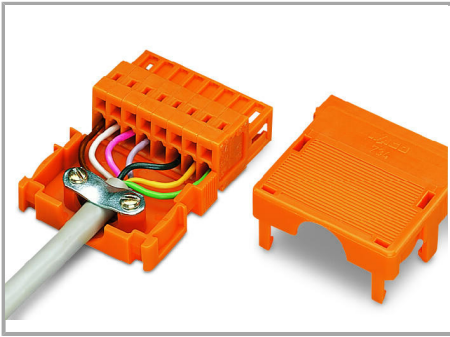
Marking



Labeling via direct marking or self-adhesive
strips.

Assembly

Supus modificărilor.



Strain relief housing for 734 Series Male and Female Connectors with CAGE CLAMP® connection.

Familie de produse

<i>MCS</i> MINI

Afișare globală produse din familie.

Supus modificărilor.