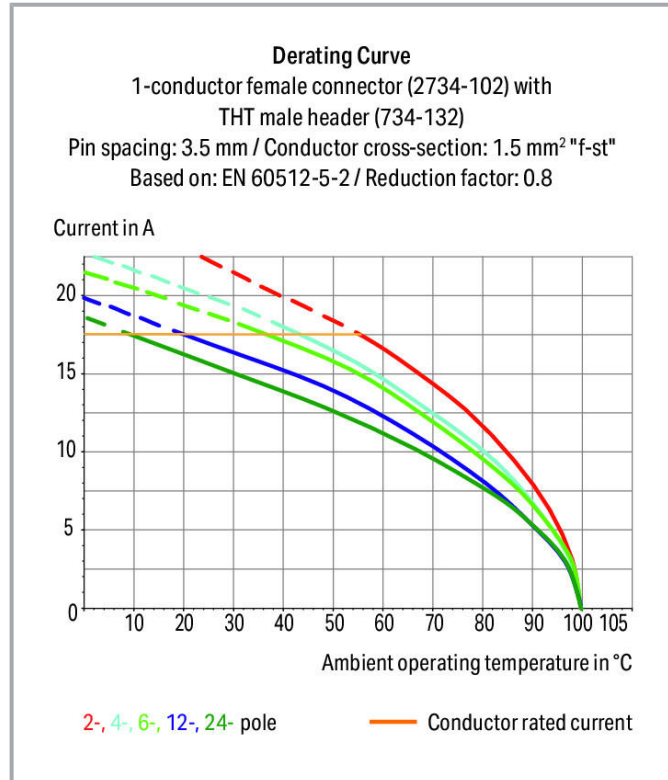


Data sheet | Item number: 2734-104

1-conductor female connector; 100% protected against mismatching; push-button; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 1,50 mm²; light gray



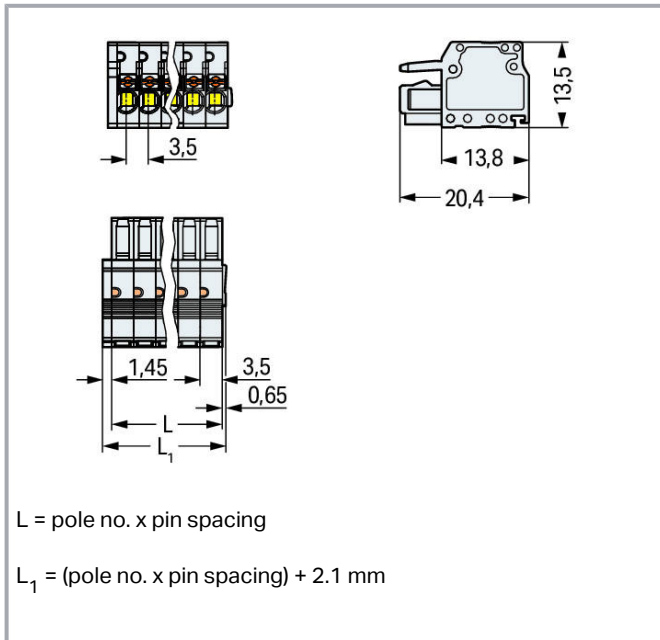
www.wago.com/2734-104



Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

- 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 option available

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.

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	160 V

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



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) $\hat{=}$ Overvoltage category III / Pollution degree 2

Ratings per UL

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

Ratings per CSA

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
Pole No.	4
Total number of connection points	4
Total number of potentials	4
Number of connection types	1
Number of levels	1
Conductor entry direction to mating direction	0°

Subject to changes. Please also observe the further product documentation!



Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	16.1 mm / 0.634 inch
Height	13.5 mm / 0.531 inch
Depth	20.4 mm / 0.803 inch

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes
Locking of plug-in connection	Without

Material data

Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.07 MJ
Weight	3.6 g

Environmental requirements

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

Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	PL
GTIN	4045454696320
Customs tariff number	85366990990

Approvals / Certificates



Country specific Approvals

Certificate



Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com




Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.

Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	IEC 61984	NL-23611
	CCA DEKRA Certification B.V.	EN 61984	2147056.01
	CSA DEKRA Certification B.V.	C22.2 No. 158	2314554

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1977	20150318-E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172-19950922

Counterpart

	Item no.734-304 1-conductor male connector; CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 1,50 mm ² ; light gray	www.wago.com/734-304
	Item no.734-134 THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 4-pole; light gray	www.wago.com/734-134
	Item no.734-164 THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 4-pole; light gray	www.wago.com/734-164

Optional accessories


Tool

	Item no.: 210-250 Operating tool; for MCS MINI & MIDI with CAGE CLAMP® connection; red	www.wago.com/210-250
	Item no.: 210-251	

Subject to changes. Please also observe the further product documentation!

 Operating tool; for MCS MICRO & MINI with CAGE CLAMP® connection; yellow www.wago.com/210-251

 **Item no.: 210-647**
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured www.wago.com/210-647

 **Item no.: 210-719**
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft www.wago.com/210-719

 **Item no.: 734-190**
Combination operating tool; natural www.wago.com/734-190

 **Item no.: 734-191**
Push-button; loose; black www.wago.com/734-191


 **Item no.: 734-230**
Push-button; white www.wago.com/734-230


 **Item no.: 734-231**
Operating tool; black www.wago.com/734-231


Ferrule

 **Item no.: 216-101**
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored www.wago.com/216-101


 **Item no.: 216-102**
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored www.wago.com/216-102


 **Item no.: 216-121**
Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored www.wago.com/216-121


 **Item no.: 216-122**
Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored www.wago.com/216-122

 **Item no.: 216-131**
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored www.wago.com/216-131


 **Item no.: 216-132**
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated www.wago.com/216-132

 **Item no.: 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

 **Item no.: 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

 **Item no.: 216-151**
Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated www.wago.com/216-151

 **Item no.: 216-152**
Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated www.wago.com/216-152

 **Item no.: 216-201**
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white www.wago.com/216-201

Subject to changes. Please also observe the further product documentation!

	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Item no.: 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
	Item no.: 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
	Item no.: 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
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-302
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-322
Strain relief		
	Item no.: 734-128 Strain relief plate; 12.5 mm wide; light gray	www.wago.com/734-128

Downloads

Documentation

Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
------------------------	------------	---------------	----------

CAD/CAE-Data

CAD data

2D/3D Models 2734-104	URL	Download
-----------------------	-----	----------

CAE data

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2734-104

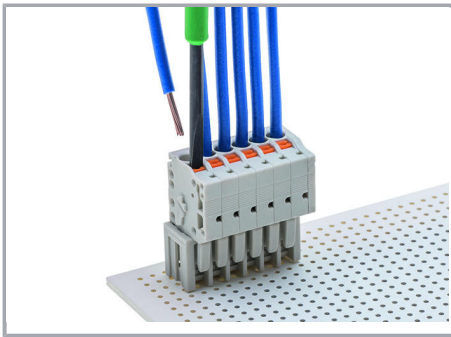
[URL](#)

[Download](#)

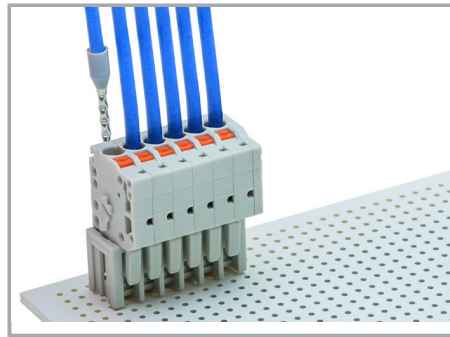
1-conductor female connector; 100% protected against mismatching; push-button; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 1,50 mm²; light gray

Installation Notes

Conductor termination



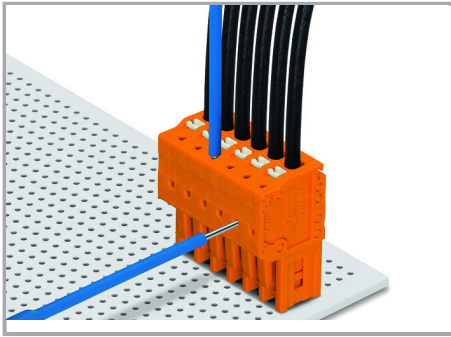
Conductor termination Inserting fine-stranded conductors into Push-in CAGE CLAMP® unit via push-buttons.



Push-in termination of solid conductors and fine-stranded conductors with ferrules

Testing

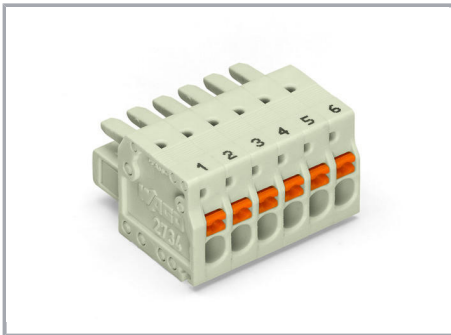
Subject to changes. Please also observe the further product documentation!



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

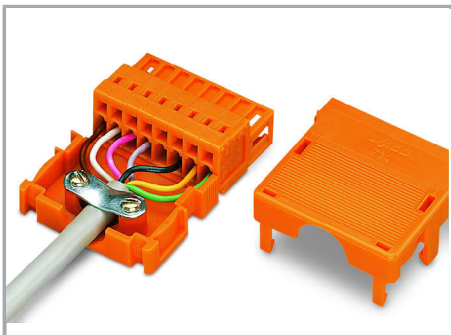
Push-in CAGE CLAMP® termination – parallel to conductor entry

Marking



Labeling via direct marking or self-adhesive strips.

Installation



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

Subject to changes. Please also observe the further product documentation!

Data sheet | Item number: 2734-104

www.wago.com/2734-104



Product family

MCS MINI

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.