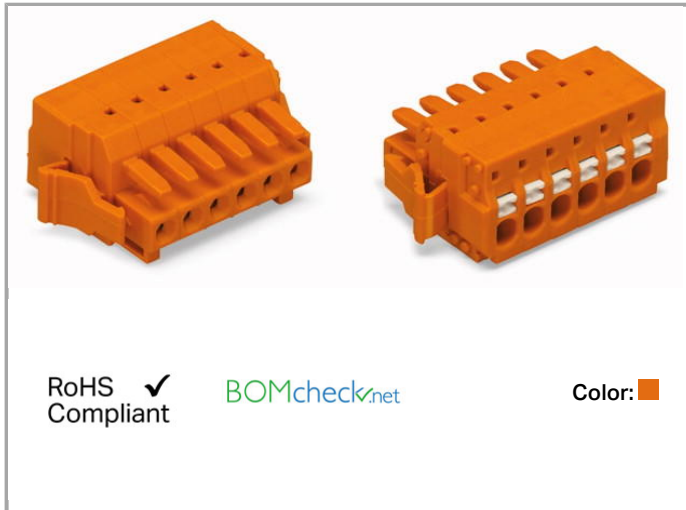


Data sheet | Item number: 2734-220/037-000

1-conductor female plug; 100% protected against mismating; Push-button;
Locking lever; 1.5 mm²; Pin spacing 3.81 mm; 20-pole

www.wago.com/2734-220/037-000



RoHS
Compliant

BOMcheck.net

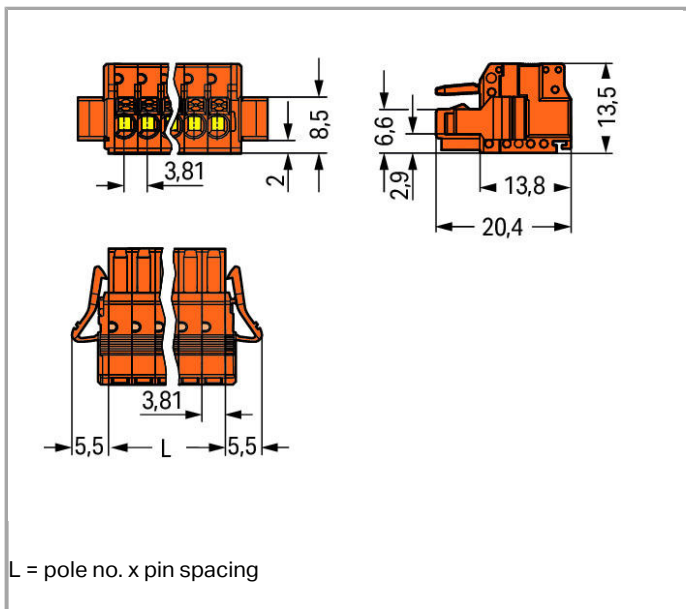
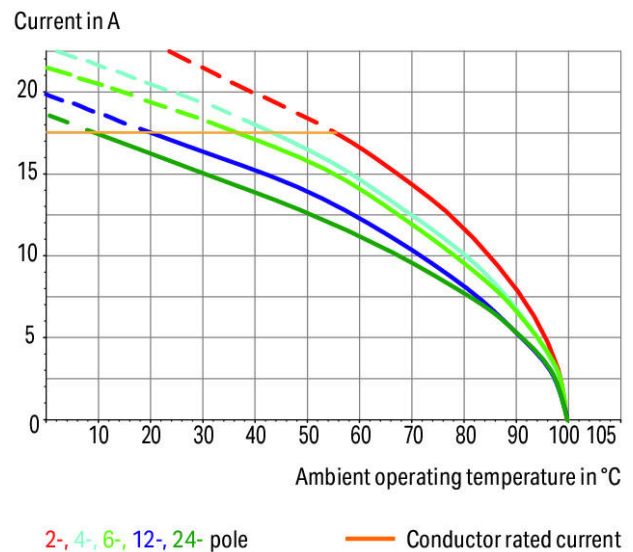
Color: ■

Derating Curve

1-conductor female connector (2734-102) with
THT male header (734-132)

Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"

Based on: EN 60512-5-2 / Reduction factor: 0.8



Item description

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- 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 mismating
- Coding via coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Gold-plated or partially gold-plated contact surfaces, Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	160 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) ≙ 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 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 mm² / 24 ... 16 AWG



Fine-stranded conductor	0.2 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 1.5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
No. of poles	20
Number of levels	1
Total number of connection points	20
Total number of potentials	20
Number of connection types	1
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	3.81 mm (0.15 inch)
Width	87.2 mm / 3.433 inch
Height	13.5 mm / 0.531 inch
Depth	20.4 mm / 0.803 inch

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Mismating protection	Yes
Locking of plug-in connection	locking lever

Material Data

Color	orange
Material group	I
Insulating 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	0.38 MJ
Weight	19.28 g

Environmental Requirements

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

Country of origin	PL
GTIN	4055143280464

Product Group

3 (Multi Conn. System)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NL-23611
	CCA DEKRA Certification B.V.	2147056.01
	CSA DEKRA Certification B.V.	2314554

UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171
	UR Underwriters Laboratories Inc.	E45172

Compatible products

tools

	Item no.: 210-250 Operating tool; for female and male connectors with CAGE CLAMP® connection; MCS MIDI & MINI	www.wago.com/210-250
	Item no.: 210-251 Operating tool; for female and male connectors with CAGE CLAMP® connection; MCS MINI & MICRO	www.wago.com/210-251
	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	www.wago.com/210-647
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	www.wago.com/210-719
	Item no.: 734-190 Combination operating tool; for male and female connectors with CAGE CLAMP®	www.wago.com/734-190
	Item no.: 734-191 Operating tool; for male and female connectors with CAGE CLAMP®; loose	www.wago.com/734-191
	Item no.: 734-230 Push-button; for female and male connectors	www.wago.com/734-230

**Item no.: 734-231**

Operating tool; for male and female connectors with CAGE CLAMP®; of 734 Series

www.wago.com/734-231**ferrule****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-101**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-102**Item no.: 216-121**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-121**Item no.: 216-122**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-122**Item no.: 216-131**Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-131**Item no.: 216-132**Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-132**Item no.: 216-141**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-141**Item no.: 216-142**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92www.wago.com/216-142**Item no.: 216-151**Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-151**Item no.: 216-152**Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin platedwww.wago.com/216-152**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin platedwww.wago.com/216-201**Item no.: 216-202**Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin platedwww.wago.com/216-202**Item no.: 216-221**Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin platedwww.wago.com/216-221**Item no.: 216-222**Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin platedwww.wago.com/216-222**Item no.: 216-241**Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90www.wago.com/216-241**Item no.: 216-242**Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90www.wago.com/216-242**Item no.: 216-262**



Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/216-262



Item no.: 216-301

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

www.wago.com/216-301



Item no.: 216-302

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

www.wago.com/216-302



Item no.: 216-321

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

www.wago.com/216-321



Item no.: 216-322

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

www.wago.com/216-322

Strain relief plate



Item no.: 734-428

Strain relief plate

www.wago.com/734-428

Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.