

**Data Sheet | Item Number: 2734-1112/038-000**

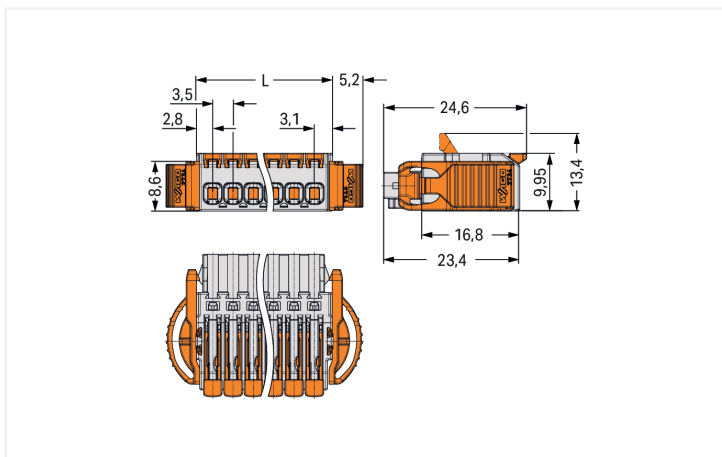
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 12-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray



<https://www.wago.com/2734-1112/038-000>



Color: ■ light gray



$L = (\text{pole no.} \times \text{pin spacing}) + 2.4 \text{ mm}$

Female connector, 2734 Series, lever

Our female connector (item number 2734-1112/038-000) ensures effortless electrical installations. Conductors should only be connected to this female connector if their strip length is between 9 and 10 mm. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in

CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Dimensions: (54.8 x 13.5 x 24.6) mm (width x height x depth). This female connector is suitable for conductor cross sections ranging from 0.14 mm<sup>2</sup> to 1.5 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

Notes	
Safety Information	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. 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.
Variants:	Other pole numbers Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .

### Electrical data

Ratings per	IEC/EN 60664-1			Approvals per	UL 1059		
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	-	300 V
Nominal voltage	160 V	160 V	320 V	Rated current	10 A	-	10 A
Rated impulse withstand voltage	2.5 kV	2.5 kV	2.5 kV				
Rated current	10 A	10 A	10 A				

Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	10 A	-	10 A

### Connection Data

Clamping units	12	<b>Connection 1</b>	
Total number of potentials	12	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Lever
Number of levels	1	Solid conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG
		Solid conductor; push-in termination	0.34 ... 1.5 mm <sup>2</sup> / 22 ... 14 AWG
		Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 26 ... 14 AWG
		Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm <sup>2</sup>
		Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm <sup>2</sup>
		Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
		Pole number	12
		Conductor entry direction to mating direction	0°

### Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	54.8 mm / 2.157 inches
Height	13.5 mm / 0.531 inches
Depth	24.6 mm / 0.969 inches

### Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

### Plug-in connection

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

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.263 MJ
Weight	10.5 g

### Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

### Commercial data

PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966355185
Customs tariff number	85366990990

### Product Classification

UNSPSC	39121409
ETIM 9.0	EC002638
ETIM 10.0	EC002638
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status Compliant, No Exemption

**Downloads**

**Environmental Product Compliance**

**Compliance Search**  
 Environmental Product Compliance  
 2734-1112/038-000 ↓

**Documentation**

**Additional Information**  
 Technical Section 03.04.2019 pdf  
 2027.26 KB ↓

**CAD/CAE-Data**

**CAD data**  
 2D/3D Models  
 2734-1112/038-000 ↓

**1 Compatible Products**

**1.1 System counterpart**

**1.1.1 Male connector/plug**

- |  |  |  |
|--|--|--|
|  |  |  |
| <a href="#">Item No.: 734-312</a><br>1-conductor male connector; CAGE CLAMP®; 1.5 mm <sup>2</sup> ; Pin spacing 3.5 mm; 12-pole; 100% protected against mismatching; 1,50 mm <sup>2</sup> ; light gray | <a href="#">Item No.: 734-172</a><br>THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 12-pole; light gray | <a href="#">Item No.: 734-142</a><br>THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 12-pole; light gray |

**1.2 Optional Accessories**

**1.2.1 Coding**

**1.2.1.1 Coding**

[Item No.: 2734-505](#)  
 Coding pin carrier; 5 coding keys; for female connectors; orange

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule



#### Item No.: 216-241

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



#### Item No.: 216-141

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



#### Item No.: 216-242

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



#### Item No.: 216-262

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



#### Item No.: 216-142

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

## 1.2.3 Jumper

### 1.2.3.1 Jumper



#### Item No.: 2734-402

Jumper; for conductor entry; 2-way; insulated; light gray

## 1.2.4 Strain relief

### 1.2.4.1 Strain relief plate



#### Item No.: 2734-536

Strain relief plate; for female connectors; 41 mm wide; 1 part; lever; Pin spacing 3.5 mm; light gray

## 1.2.5 Test and measurement

### 1.2.5.1 Testing accessories

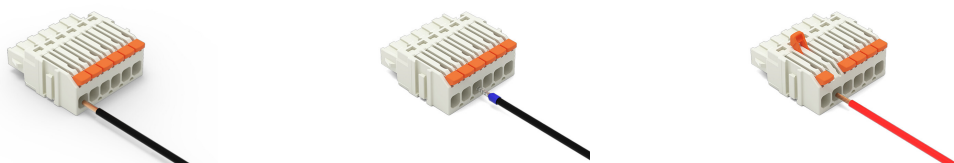


#### Item No.: 735-500

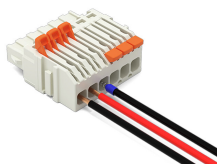
WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm<sup>2</sup>

### Installation Notes

#### Conductor termination



#### Conductor removal



#### Testing



#### Marking

