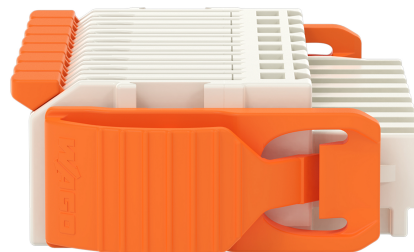
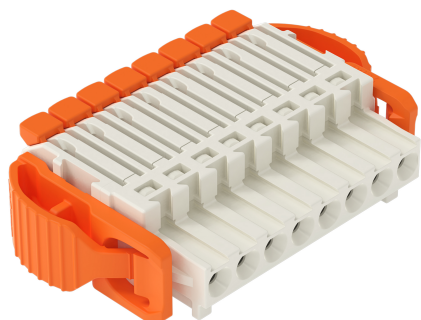


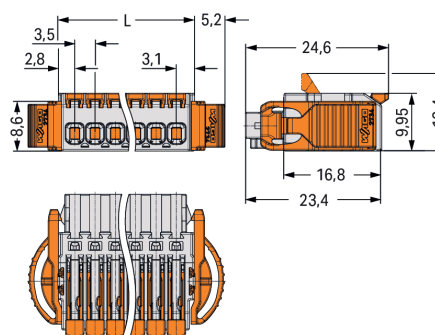
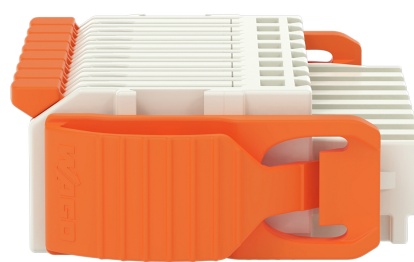
Data Sheet | Item Number: 2734-1108/038-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 8-pole; 100% protected against mismating; Lateral locking levers; 1,50 mm²; light gray

<https://www.wago.com/2734-1108/038-000>



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 2734-1108/038-000) simplifies electrical installations. Conductors can only be connected to this female connector if their strip length is between 9 and 10 mm . This product incorporates one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection

technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be pushed in without needing to use any tools—all thanks to its pluggable design. The dimensions are (40.8 x 13.5 x 24.6) mm (width x height x depth). Depending on the type of conductor, this female connector is ideal for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

The contact surface is coated with tin.

- Safe and fast installation
- Pin spacing: 3.5 mm
- The right solution for every wiring task
- Wide range of applications thanks to a conductor cross-section range from 0.08 to 25 mm²
- Actuation via lever

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 https://configurator.wago.com/ .

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		160 V	160 V	320 V
Rated impulse withstand voltage		2.5 kV	2.5 kV	2.5 kV
Rated current		10 A	10 A	10 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		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	8
Total number of potentials	8
Number of connection types	1
Number of levels	1

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.14 ... 1.5 mm ² / 26 ... 14 AWG
Solid conductor; push-in termination	0.34 ... 1.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 26 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm ²
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
Pole number	8
Conductor entry direction to mating direction	0 °

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	40.8 mm / 1.606 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)	Information on material specifications can be found here
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	0.126 MJ
Weight	7.4 g

Environmental requirements

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

Commercial data

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966355437
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
2734-1108/038-000

↓

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data	
CAD data	PCB Design
2D/3D Models 2734-1108/038-000	Symbol and Footprint via SamacSys 2734-1108/038-000
↓	Symbol and Footprint via Ultra Librarian 2734-1108/038-000
	↓

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug







Item No.: 734-308
1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 8-pole; 100% protected against mismatching; light gray

Item No.: 734-168
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 8-pole; light gray

Item No.: 734-138
THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 8-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 mm² / 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 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 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 mm² / 18 AWG; uninsulated; 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.: 2734-535
Strain relief plate; for female connectors; 27 mm wide; 1 part; lever; Pin spacing 3.5 mm; light gray

1.2.5 Test and measurement

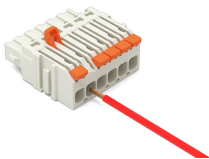
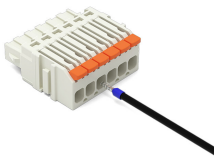
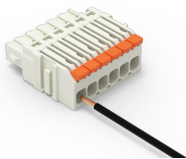
1.2.5.1 Testing accessories



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 0,5mm²

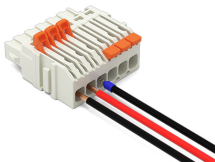
Installation Notes

Conductor termination

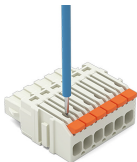
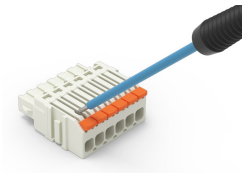




Conductor removal



Testing



Marking

