

Data Sheet | Item Number: 2734-1103/327-000

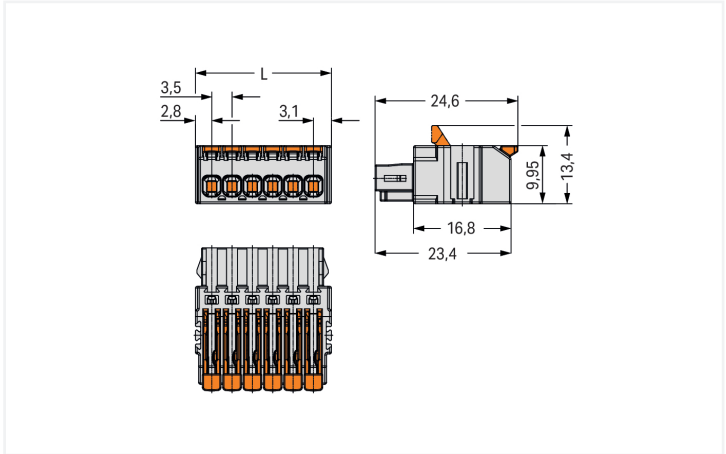
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 3-pole; 100% protected against mismating; 1,50 mm²; light gray

<https://www.wago.com/2734-1103/327-000>



Color: ■ light gray

Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 2.4 mm

Female connector, 2734 Series, Push-in CAGE CLAMP®

Our female connector (item number 2734-1103/327-000) ensures effortless electrical installations. Ensure that the strip lengths are between 9 and 10 mm when connecting conductors to this female connector. This product incorporates 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: (12.9 x 9.95 x 24.6) mm (width x height x depth). This female connector is suitable for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

The contact surface is coated with tin.

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			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	3	Connection 1	
Total number of potentials	3	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Lever
Number of levels	1	Solid conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG
		Solid conductor; push-in termination	0.34 ... 1.5 mm² / 22 ... 14 AWG
		Fine-stranded conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG
		Fine-stranded conductor; with insulated fer- rule	0.14 ... 0.75 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm²
		Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
		Pole number	3
		Conductor entry direction to mating direc- tion	0°

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	12.9 mm / 0.508 inches
Height	9.95 mm / 0.392 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

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	0.044 MJ
Weight	2.6 g



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

Commercial data	
Packaging type	Box
Country of origin	DE
GTIN	4066966880748
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

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	2314554
UL Underwriters Laboratories Inc.	UL 1977	E 45171
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124-1

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
2734-1103/327-000

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Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data	
CAD data	PCB Design
2D/3D Models 2734-1103/327-000	Symbol and Footprint via SamacSys 2734-1103/327-000
	Symbol and Footprint via Ultra Librarian 2734-1103/327-000

1 Compatible Products
1.1 System counterpart
1.1.1 Male connector/plug

 Item No.: 734-303 1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 3-pole; 100% protected against mismatching; light gray	 Item No.: 734-163 THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 3-pole; light gray	 Item No.: 734-133 THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 3-pole; light gray
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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 ² / 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 ² / 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 mm ² / 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 ² / 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 Locking system

1.2.4.1 Locking system



Item No.: 2734-510
Locking lever; for female connectors; 1 part; For Push-in CAGE CLAMP® connection; lever; orange

1.2.5 Strain relief

1.2.5.1 Strain relief plate



Item No.: 2734-533
Strain relief plate; for female connectors; 9.5 mm wide; 1 part; lever; Pin spacing 3.5 mm; light gray

1.2.6 Test and measurement

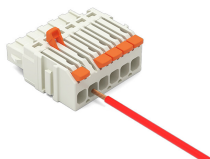
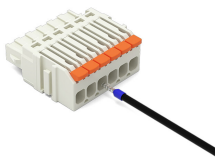
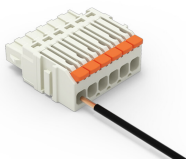
1.2.6.1 Testing accessories



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

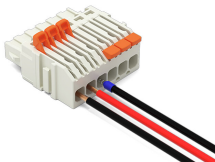
Installation Notes

Conductor termination

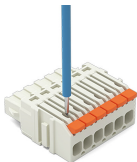
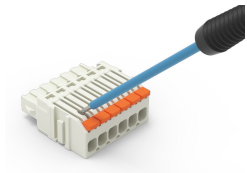




Conductor removal



Testing



Marking

