

| : 2734-1105/327-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 5-pole; 100% protected against mismatching; 1,50 mm²; light gray

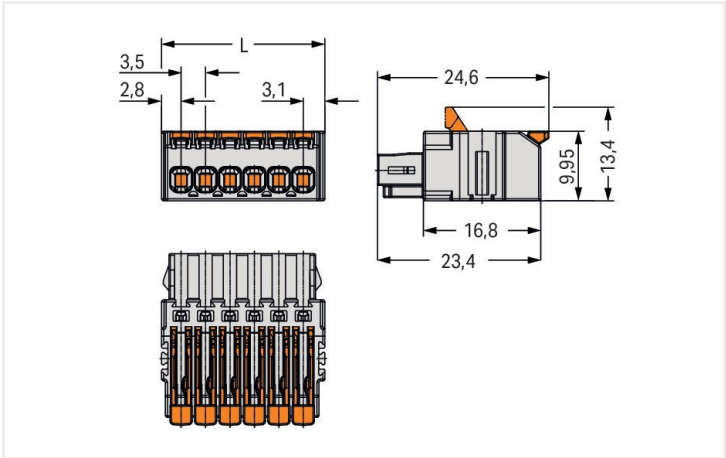


<https://www.wago.com/2734-1105/327-000>



: ■ light gray

Similar to illustration



Dimensions in mm

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

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid and ferruled conductors
- Test slot 90° to conductor entry
- 100% protected against mismatching
- Coding option available

Notes

Safety information 1

Other pole numbers

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

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.

Electrical data			
Ratings per IEC/EN		Ratings per UL	
Ratings per	IEC/EN 60664-1	Approvals per	UL 1059
Nominal voltage (III/3)	160 V	Rated voltage UL (Use Group B)	300 V
Rated impulse voltage (III/3)	2.5 kV	Rated current UL (Use Group B)	10 A
Rated voltage (III/2)	160 V	Rated voltage UL (Use Group D)	300 V
Rated impulse voltage (III/2)	2.5 kV	Rated current UL (Use Group D)	10 A
Nominal voltage (II/2)	320 V		
Rated surge voltage (II/2)	2.5 kV		
Rated current	10 A		
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2		

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																						
Total number of connection points	5	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Lever</td></tr><tr><td>Solid conductor</td><td>0.14 ... 1.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Solid conductor; push-in termination</td><td>0.34 ... 1.5 mm² / 22 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.14 ... 1.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.14 ... 0.75 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.14 ... 1 mm²</td></tr><tr><td>Strip length</td><td>9 ... 10 mm / 0.35 ... 0.39 inches</td></tr><tr><td>Pole number</td><td>5</td></tr><tr><td>Conductor entry direction to mating direction</td><td>0 °</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Lever	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 ferrule	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	5	Conductor entry direction to mating direction	0 °
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Strip length	9 ... 10 mm / 0.35 ... 0.39 inches																					
Pole number	5																					
Conductor entry direction to mating direction	0 °																					
Total number of potentials	5																					
Number of connection types	1																					
Number of levels	1																					

Physical data		
Pin spacing	3.5 mm / 0.138 inches	
Width	19.9 mm / 0.783 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	
Plugging without loss of pin spacing	No	
Locking of plug-in connection	none	

Material data		
Note (material data)	Information on material data can be found here	
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	
Fire load	0.069 MJ	
Weight	4.2 g	

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

Commercial data	
ETIM 8.0	EC002638
PU (SPU)	100 Pieces
Country of origin VKOrg Germany	PT
GTIN	4066966219906
Customs tariff number VKOrg Germany	85366990990

Approvals and certificates		
Country specific Approvals		UL-Approvals
		
CSA DEKRA Certification B.V.	C22.2 No. 158 2314554	UL Underwriters Laboratories Inc. UL 1059 E45172

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2734-1105/327-000	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	

CAD/CAE-Data	
CAD data	
2D/3D Models 2734-1105/327-000	

1 Compatible products

1.1 System counterpart

1.1.1 Male connector/plug



: 734-305
 1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 5-pole; 100% protected against mismatching; 1,50 mm²; light gray



: 734-165
 THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 5-pole; light gray



: 734-135
 THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 5-pole; light gray

1.2 Optional accessories

1.2.1 Coding

1.2.1.1 Coding



: 2734-505
 Coding key carrier; orange

1.2.2 Ferrule

1.2.2.1 Ferrule



: 216-301
 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



: 216-321
 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



: 216-151
 Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated



: 216-131
 Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



: 216-302
 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



: 216-322
 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



: 216-132
 Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



: 216-152
 Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



: 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



: 216-201
 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



: 216-221
 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



: 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



: 216-101
 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



: 216-121
 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



: 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



: 216-262
 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



: 216-202
 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



: 216-222
 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



: 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



: 216-102
 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



: 216-122
 Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

1.2.3 Jumper

1.2.3.1 Jumper

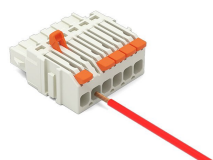
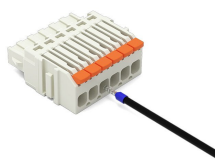
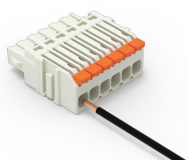


: 2734-402

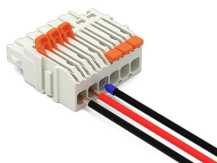
Jumper; for conductor entry; 2-way; insulated; light gray

Installation notes

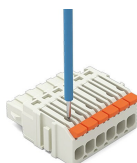
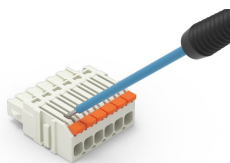
Conductor termination



Conductor removal



Testing



Marking

