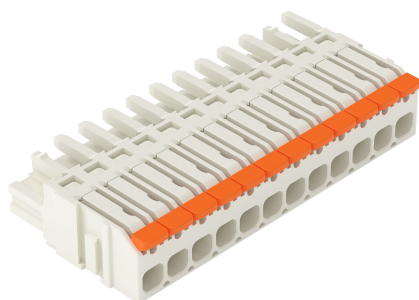


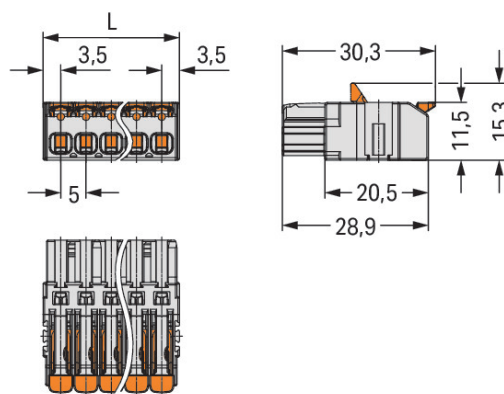
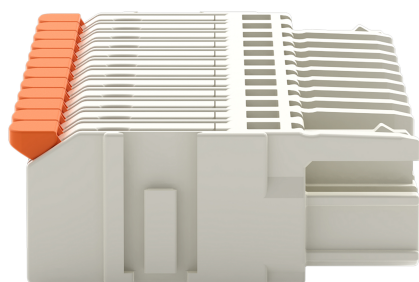
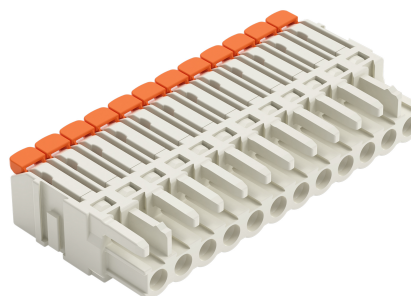
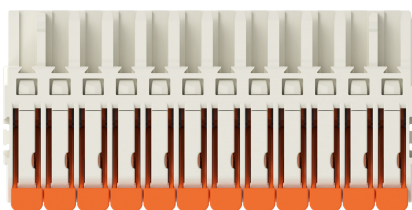
Data Sheet | Item Number: 2721-1112/326-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 13-pole; 100% protected against mismating, coding finger; 2,50 mm²; light gray

<https://www.wago.com/2721-1112/326-000>



Color: ■ light gray



$L = (\text{pole no.} \times \text{pin spacing}) + 2 \text{ mm}$ 2- and 3-pole female connectors – one latch only

Female connector, 2721 Series, 0 ° conductor exit to connection direction

This female connector (item number 2721-1112/326-000) simplifies electrical installations. Ensure that the strip lengths are between 11 and 12 mm when connecting conductors to this female connector. 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. The dimensions are (47 x 11.5 x 30.3) mm (width x height x depth). This female connector is suitable for conductor cross sections ranging from 0.2 mm² to 2.5 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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		320 V	320 V	630 V
Rated impulse withstand voltage		4 kV	4 kV	4 kV
Rated current		16 A	16 A	16 A
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		20 A	-	10 A
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		20 A	-	10 A

Connection Data			
Clamping units	12	Connection 1	
Total number of potentials	12		
Number of connection types	1		
Number of levels	1		
		Connection technology	Push-in CAGE CLAMP®
		Actuation type	Lever
		Solid conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
		Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
		Fine-stranded conductor; with insulated fer- rule	0.25 ... 1.5 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
		Strip length	11 ... 12 mm / 0.43 ... 0.47 inches
		Pole number	12
		Conductor entry direction to mating direc- tion	0 °

Physical data	
Pin spacing	5 mm / 0.197 inches
Width	47 mm / 2.441 inches
Height	11.5 mm / 0.453 inches
Depth	30.3 mm / 1.193 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	0.292 MJ
Actuator color	orange
Weight of insulation material	3.81 g
Weight	20 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	PL
GTIN	4066966419290
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 2721-1112/326-000

Documentation

Additional Information
Technical Section
03.04.2019
pdf
2027.26 KB

CAD/CAE-Data

CAD data
2D/3D Models
2721-1112/326-000

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug

Item No.: 721-612 1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; 2,50 mm²; light gray	Item No.: 2721-1612 1-conductor male connector; lever; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; 2,50 mm²; light gray	Item No.: 2721-1612/336-000 1-conductor male connector; lever; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; Strain relief plate; 2,50 mm²; light gray	Item No.: 721-442/001-000 THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray
Item No.: 721-142/001-000 THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray	Item No.: 721-472/001-000 THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray	Item No.: 721-172/001-000 THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole; light gray	

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule

Item No.: 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	Item No.: 216-263 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	Item No.: 216-264 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

1.2.2 Insulation stop

1.2.2.1 Insulation stop



Item No.: 231-671
Insulation stop; 0.25 - 0.5 mm²; light gray



Item No.: 231-672
Insulation stop; 0.75 - 1 mm²; dark gray

1.2.3 Locking system

1.2.3.1 Locking system



Item No.: 2231-515
center locking; for female connectors; For Push-in CAGE CLAMP® connection; lever; Pin spacing 5 mm; 5-pole; orange



Item No.: 2231-510
Locking lever; for female connectors; 1 part; For Push-in CAGE CLAMP® connection; lever; orange

1.2.4 Marking

1.2.4.1 Marking strip



Item No.: 210-332/500-202
Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-205
Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-204
Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



Item No.: 210-332/500-206
Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.2.5 Strain relief

1.2.5.1 Strain relief plate



Item No.: 2231-536/000-009
Strain relief plate; for female and male connectors; 1 part; lever; Pin spacing 5 mm; light gray

1.2.6 Test and measurement

1.2.6.1 Testing accessories



Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red



Item No.: 231-661
Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm²; light gray

1.2.7 Tool

1.2.7.1 Operating tool



Item No.: 231-231
Combination operating tool; red



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multi-coloured



Item No.: 210-250
Operating tool; for MCS MINI and MIDI with CAGE CLAMP® connection; red



Item No.: 231-291
Operating tool; made of insulating material; 1-way; loose; red



Item No.: 231-131
Operating tool; made of insulating material; 1-way; loose; white



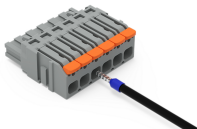
Item No.: 231-159
Operating tool; natural

Installation Notes

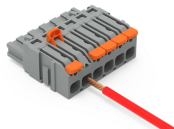
Conductor termination



Inserting solid conductor via push-in termination.



Ferruled fine-stranded conductors can be directly inserted.



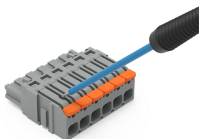
Insert fine-stranded conductors – and remove all conductors – via operating tool.

Conductor removal

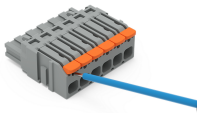


Removing a conductor via lever.

Testing



Prüfen senkrecht zur Leiteranschlussrichtung (90°) Prüfstift 1 mm 735-500



Prüfen aus Leiteranschlussrichtung (0°) Prüfstift 1 mm 735-500