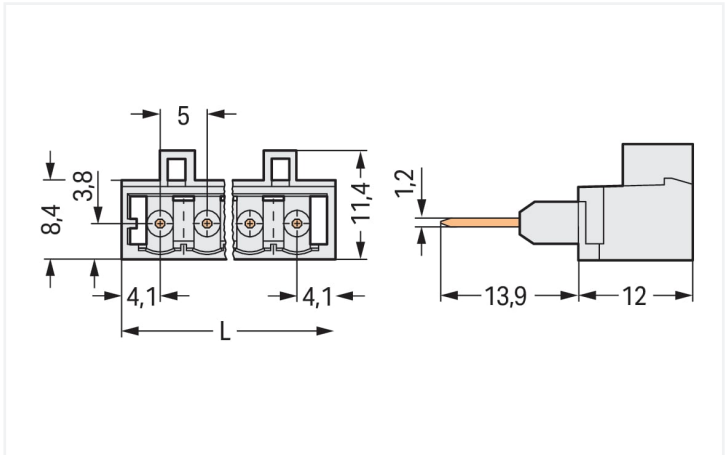


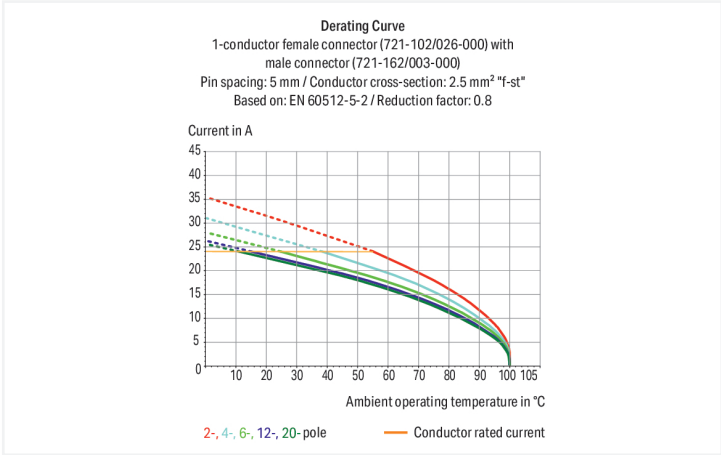
Data Sheet | Item Number: 721-172/003-000
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 12-pole; light gray
<https://www.wago.com/721-172/003-000>



Color: ■ light gray



Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 8.2 \text{ mm}$



Stiftleiste Serieu00a0721 mit Rastermaß 5 mm

Die Stiftleiste mit der Artikelnummer 721-172/003-000 bietet eine fehlerfreie Elektroinstallation. Unsere Leiterplatten-Steckverbinder gewähren Ihnen die größtmögliche Flexibilität bei verschiedenen Montagearten. Die Abmessungen sind in Breite x Höhe x Tiefe (63,2 x 25,9 x 11,4)u00a0mm. Für die Oberfläche der Kontakte wurde Zinn verwendet. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen.

Notes	
Safety Information	The MCS – <i>MULTI CONNECTION SYSTEM</i> 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	250 V	320 V	630 V	
Rated surge 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		15 A	-	10 A
Approvals per		UL 1977		
Rated voltage		600 V		
Rated current		15 A		
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		15 A	-	10 A
Connection data				
Total number of potentials	12	Connection 1		
Number of connection types	1	Pole number	12	
Number of levels	1			
Physical data				
Pin spacing	5 mm / 0.197 inches			
Width	63.2 mm / 2.488 inches			
Height	25.9 mm / 1.02 inches			
Height from the surface	12 mm / 0.472 inches			
Depth	11.4 mm / 0.449 inches			
Mechanical data				
Variable coding	Yes			
Anti-rotation protection	Yes			
Plug-in connection				
Contact type (pluggable connector)	Male connector/plug			
Connector (connection type)	for front-entry rail-mount terminal block			
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			
Contact material	Electrolytic copper (E _{cu})			
Contact Plating	Tin			
Fire load	0.179 MJ			
Weight	7 g			



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

Commercial data	
Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 8.0	EC001284
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918905886
Customs tariff number	85366930000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Approvals for marine applications		
   			  		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-113351	ABS American Bureau of Ship- ping	-	19-HG1869876-PDA
CSA DEKRA Certification B.V.	C22.2	1466354	BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453	DNV DNV GL SE	-	TAE000016Z
UL Underwriters Laboratories Inc.	UL 1977	E45171			
UL Underwriters Laboratories Inc.	UL 1059	UL-US- L45172-6187117-81111991-1			

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 721-172/003-000	



Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 721-172/003-000	EPLAN Data Portal 721-172/003-000
↓	↓
	ZUKEN Portal 721-172/003-000
	↓

1 Compatible Products
1.1 System counterpart
1.1.1 Female connector/socket



Item No.: 721-112/026-000
1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 100% protected against mismatching; 2,50 mm²; light gray

1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



Item No.: 231-129
Coding key; snap-on type; light gray

1.2.2 Installation
1.2.2.1 Empty housings



Item No.: 280-902/056-000
Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type; orange



Item No.: 280-654/056-000
Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type; orange



Item No.: 280-650/056-000
Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type; orange



Item No.: 280-835/056-000
Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type; orange



1.2.3 Tool

1.2.3.1 Operating tool



Item No.: 280-440
Operating tool; made of insulating material; 10-way; white