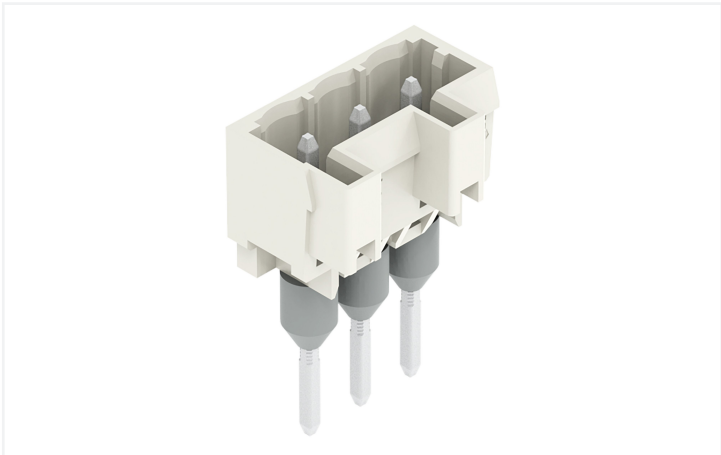
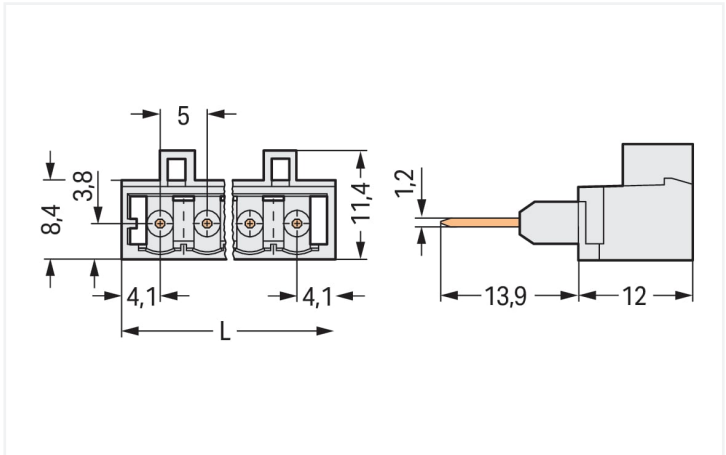


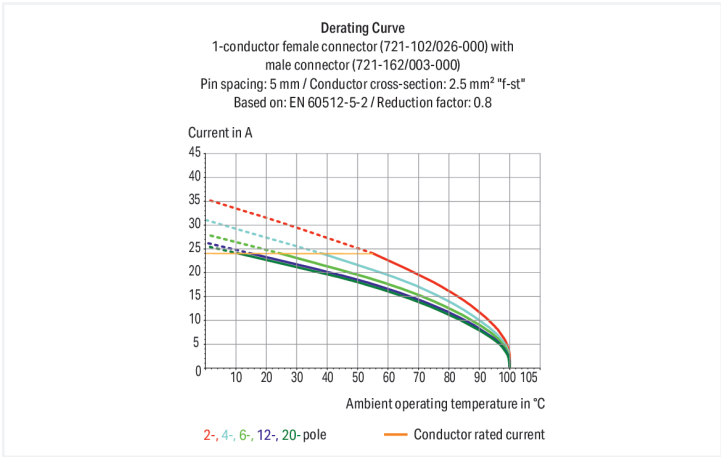
Data Sheet | Item Number: 721-163/003-000
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 3-pole; light gray
<https://www.wago.com/721-163/003-000>



Color: ■ light gray



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



Stiftleiste Serieu00a0721, lichtgrau

Die Stiftleiste mit der Artikelnummer 721-163/003-000 ermöglicht eine reibungslose Elektroinstallation. Unsere Leiterplatten-Steckverbinder ermöglichen Ihnen die größtmögliche Flexibilität bei verschiedenen Montagearten. In Breite x Höhe x Tiefe sind die Abmessungen (18,2 x 25,9 x 11,4)\u00a0mm. Für die Kontaktfläche wurde Zinn verwendet. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten.

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	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	3	Connection 1		
Number of connection types	1	Pole number	3	
Number of levels	1			
Physical data				
Pin spacing	5 mm / 0.197 inches			
Width	18.2 mm / 0.717 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	0.05 MJ			
Weight	1.7 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)	200 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918905657
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				

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 721-163/003-000	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 721-163/003-000
↓

CAE data
EPLAN Data Portal 721-163/003-000
↓
ZUKEN Portal 721-163/003-000
↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 721-103/026-000 1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 3-pole; 100% protected against mismatching; 2,50 mm²; light gray
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1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



Item No.: 231-129 Coding key; snap-on type; light gray
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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
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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.: 280-433
Operating tool; made of insulating material; 3-way; white