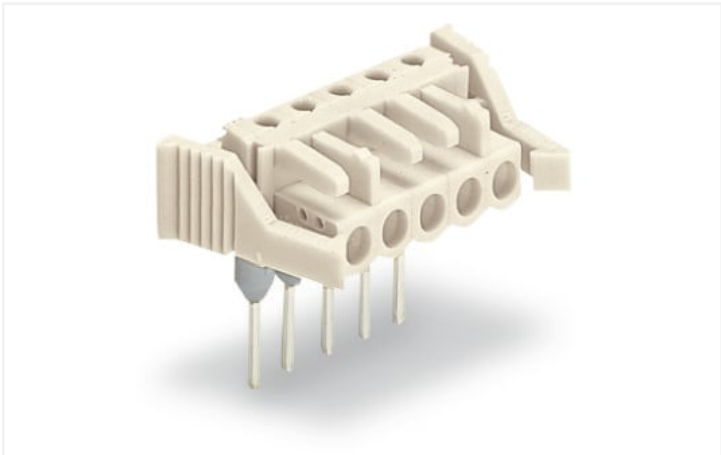
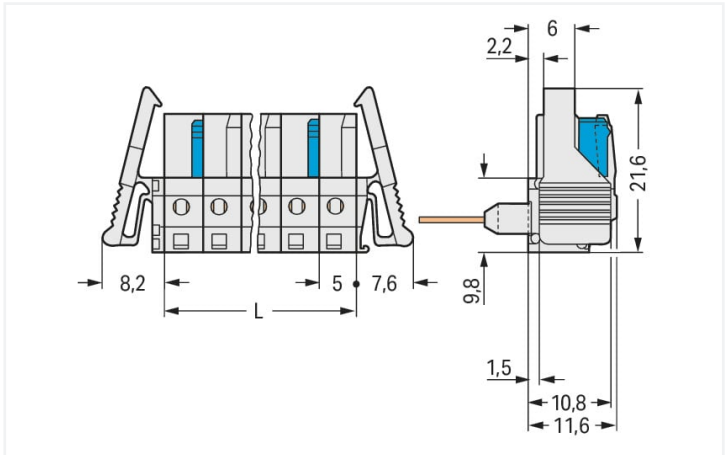


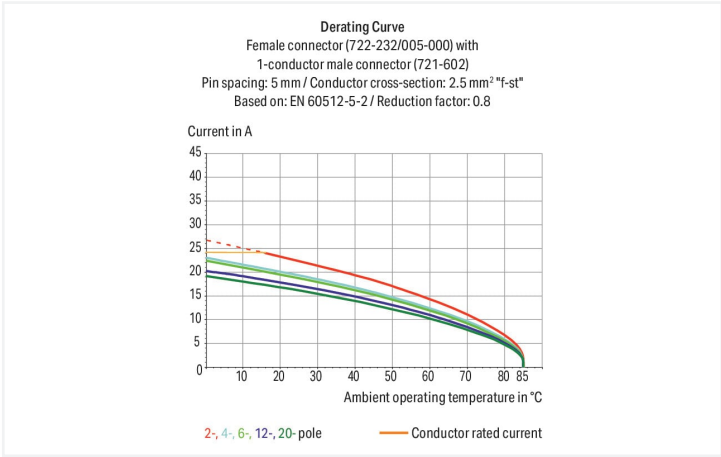
Data Sheet | Item Number: 722-250/005-000/039-000
Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 20-pole; light gray
<https://www.wago.com/722-250/005-000/039-000>



Color: ■ light gray Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 1.5 mm
2-pole female connectors – one latch only



- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Female connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Female connectors are touch-proof when unmated, providing a pluggable, live output
- 100 % protected against mismatching
- With coding fingers

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 surge voltage	4 kV	4 kV	4 kV	
Rated current	12 A	12 A	12 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				
Connection points	20	Connection 1		
Total number of potentials	20	Pole number	20	
Number of connection types	1			
Number of levels	1			
Physical data				
Pin spacing			5 mm / 0.197 inches	
Width			115.8 mm / 4.559 inches	
Height			26.1 mm / 1.028 inches	
Height from the surface			11.6 mm / 0.457 inches	
Depth			18.25 mm / 0.719 inches	
Mechanical data				
Variable coding			Yes	
Anti-rotation protection			Yes	
Plug-in connection				
Contact type (pluggable connector)			Female connector/socket	
Connector (connection type)			for front-entry rail-mount terminal block	
Mismating protection			Yes	
Locking of plug-in connection			Locking lever	
Mating direction to the rail-mount terminal block			0 °	
Material data				
Note (material data)			Information on material specifications can be found here	
Color			light gray	
Material group			I	
Insulation material			Polyamide (PA66)	
Flammability class per UL94			V0	
Contact material			Copper alloy	
Contact plating			Tin	
Fire load			0.57 MJ	
Weight			21.5 g	






Environmental requirements	
Limit temperature range	-60 ... +85 °C
Processing temperature	-35 ... +60 °C

Commercial data	
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143678919
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
	

Documentation	
Additional Information	
Technical Section	<div>03.04.2019pdf2010.85 KB</div>

CAD/CAE-Data	
CAD data	CAE data
	



1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 721-620
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 20-pole; 100% protected against mismatching; 2,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Test and measurement

1.2.1.1 Testing accessories



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