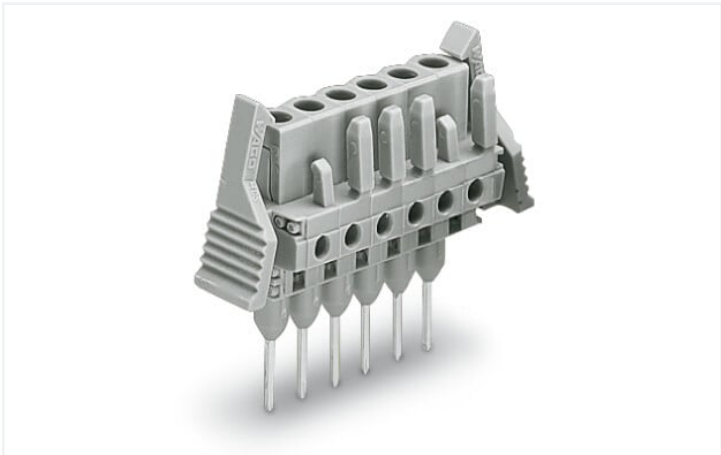
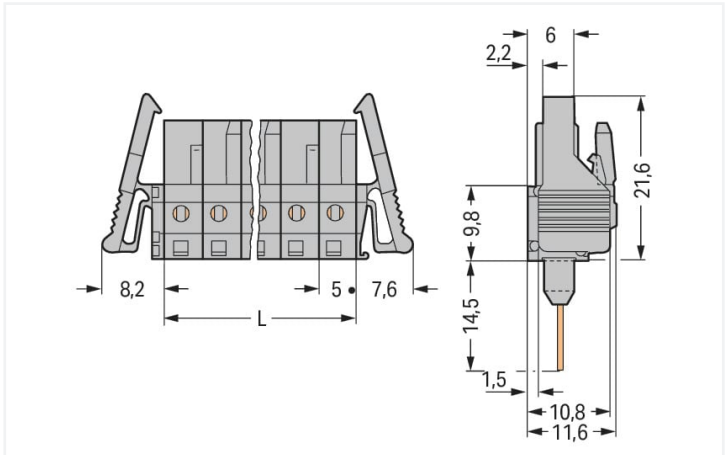


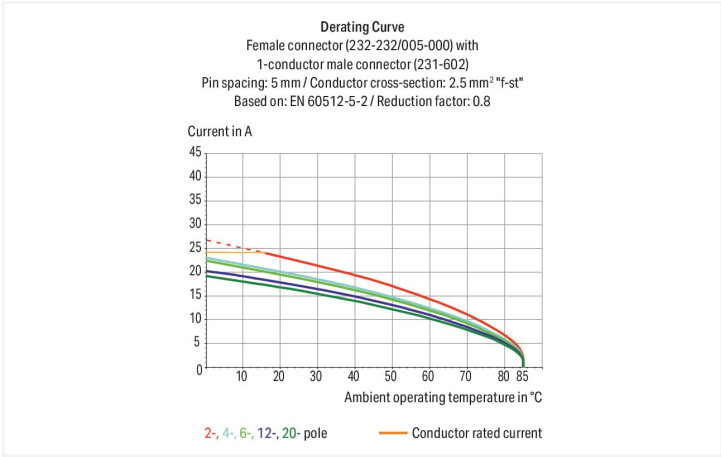


Color: ■ gray

Similar to illustration



Dimensions in mm
L = pole no. x pin spacing
2- to 3-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
- 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 1977		
Rated voltage	600 V			
Rated current	15 A			
Approvals per		UL 1059		
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	15 A	-	10 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	12	Connection 1		
Total number of potentials	12	Pole number	12	
Number of connection types	1			
Number of levels	1			
Physical data				
Pin spacing	Pin spacing		5 mm / 0.197 inches	
Width	Width		75.8 mm / 2.984 inches	
Height	Height		36.1 mm / 1.421 inches	
Height from the surface	Height from the surface		21.6 mm / 0.85 inches	
Depth	Depth		11.6 mm / 0.457 inches	
Mechanical data				
Variable coding	Variable coding		Yes	
Anti-rotation protection	Anti-rotation protection		Yes	
Plug-in connection				
Contact type (pluggable connector)	Contact type (pluggable connector)		Female connector/socket	
Connector (connection type)	Connector (connection type)		for front-entry rail-mount terminal block	
Mismating protection	Mismating protection		No	
Locking of plug-in connection	Locking of plug-in connection		Locking lever	
Mating direction to the rail-mount terminal block	Mating direction to the rail-mount terminal block		90 °	
Material data				
Note (material data)	Note (material data)		Information on material specifications can be found here	
Color	Color		gray	
Material group	Material group		I	
Insulation material	Insulation material		Polyamide (PA66)	
Flammability class per UL94	Flammability class per UL94		V0	
Contact material	Contact material		Copper alloy	
Contact plating	Contact plating		Tin	
Fire load	Fire load		0.518 MJ	
Weight	Weight		13.4 g	



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

Commercial data	
Product Group	3 (Multi Conn. System)
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)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918570947
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1466354
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data

CAE data

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 231-612
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 12-pole; 2,50 mm²; 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