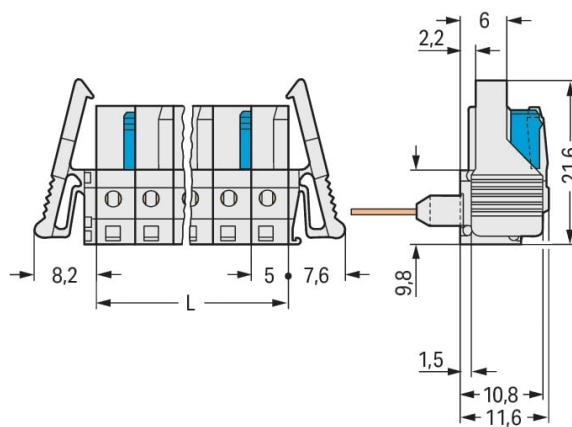


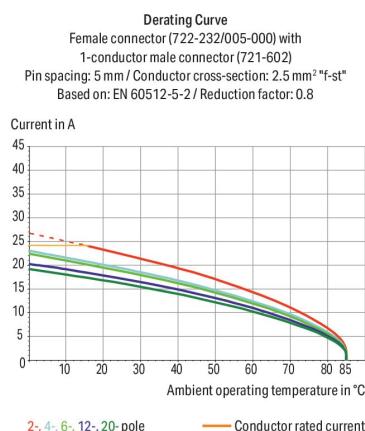
Color: light gray

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$
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
Pollution degree	3	2
Nominal voltage	320 V	320 V
Rated surge voltage	4 kV	4 kV
Rated current	12 A	12 A

Approvals per UL 1059		
Use group	B	C
Rated voltage	300 V	-
Rated current	15 A	-

Approvals per UL 1977	
Rated voltage	600 V
Rated current	15 A

Approvals per CSA		
Use group	B	C
Rated voltage	300 V	-
Rated current	15 A	-

Connection data

Connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1		
Pole number	2	

Physical data

Pin spacing	5 mm / 0.197 inches
Width	25.8 mm / 1.016 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	0.09 MJ
Weight	3.1 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)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918572422
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA	C22.2	1466354	ABS	-	19-HG1869876-PDA
DEKRA Certification B.V.			American Bureau of Shipping		
UR	UL 1977	E45171	DNV	-	TAE000016Z
Underwriters Laboratories Inc.			DNV GL SE		

Approvals for marine applications



Downloads

Environmental Product Compliance

Compliance Search



Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	
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CAD/CAE-Data

CAD data



CAE data



1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug

[Item No.: 721-602](#)

1-conductor male connector; CAGE CLAMP®, 2.5 mm²; Pin spacing 5 mm; 2-pole; 100% protected against mismatching; 2,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Installation

1.2.1.1 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

1.2.2 Test and measurement

1.2.2.1 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

1.2.3 Tool

1.2.3.1 Operating tool

[Item No.: 280-432](#)

Operating tool; made of insulating material; 2-way; white