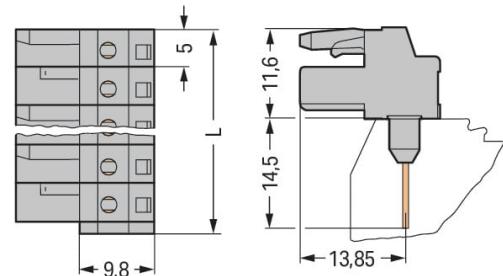
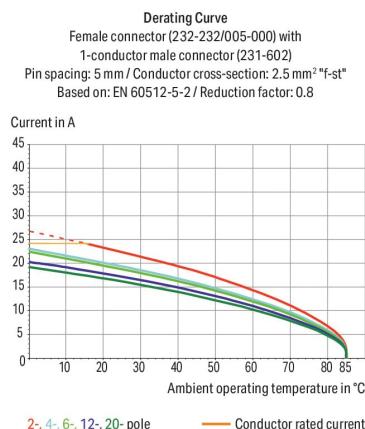


Color: ■ gray



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$
 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 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
Rated voltage	300 V	-
Rated current	15 A	-
		10 A

Connection data

Connection points	20
Total number of potentials	20
Number of connection types	1
Number of levels	1

Connection 1	
Pole number	20

Physical data

Pin spacing	5 mm / 0.197 inches
Width	101.5 mm / 3.996 inches
Height	26.1 mm / 1.028 inches
Height from the surface	11.6 mm / 0.457 inches
Depth	11.6 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	No
Mating direction to the rail-mount terminal block	0 °

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.668 MJ
Weight	21 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)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918570084
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approvals for marine applications



Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-39756/A1	BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV
CSA DEKRA Certification B.V.	C22.2	1466354			
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453			
UL Underwriters Laboratories Inc.	UL 1059	E45172			

Downloads

Environmental Product Compliance

[Compliance Search](#)Environmental Product
Compliance
232-250/005-000

Documentation

Additional Information

Technical Section

03.04.2019

pdf

2010.85 KB



CAD/CAE-Data

CAE data

EPLAN Data Portal
232-250/005-000

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



[Item No.: 231-620](#)

1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 20-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