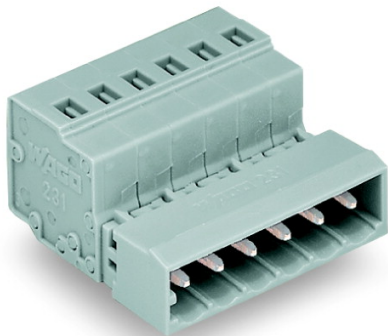

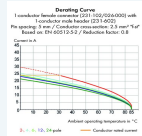

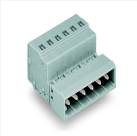



Item (Detail view)


Male connector; 19-pole; Pin spacing 5 mm / 0.197 in





Item no.	231-619 	GTIN / EAN	4044918280020
Content	1 piece	Order unit	piece
Order quantity	<input type="text" value="10"/> piece	Increase in order quantity	(10, 20, 30, 40, ...)
Customer item no.		Customs Tariff no.	85366990990
Customs duty for the country of origin	DE	Available	-
List price	On request	Net price	On request
Availability	On request		

Note: Some items may not be available from your local WAGO company.
Please note that the quantities ordered in the shopping cart are rounded up to the PU (SPU).

RoHS 
Compliant

Articledetails

Approvals

Downloads/Certificates

Accessories

DescriptionMale connector; 19-pole; Pin spacing 5 mm / 0.197 in

Item description:

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- For "wire-to-wire" and "board-to-wire" connections
- Coding option available

Remarks

Safety information 1: The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

Item properties**Miscellaneous**

Name	Value	Unit
Other versions (or variants) can be requested from WAGO Sale	Other pole numbers	
Packaging type	BOX	
Ratings per	IEC/EN 60664-1	
Rated voltage (III / 3) [V]	320	V
Rated impulse voltage (III / 3) [kV]	4	kV
Rated voltage (III/2) [V]	320	V
Rated impulse voltage (III / 2) [kV]	4	kV
Rated voltage (II / 2) [V]	630	V
Rated impulse voltage (II / 2) [kV]	4	kV
Rated current [A]	12	A
	(III / 2) \triangleq	
Legend (ratings)	Overvoltage category III / Pollution degree 2	
Approvals per	UL 1059	
Rated voltage UL (Use Group B) [V]	300	V
Rated current UL (Use Group B) [A]	15	A

Rated voltage UL (Use Group D) [V]	300	V
Rated current UL (Use Group D) [A]	10	A
Rated voltage CSA (Use Group B) [V]	300	V
Rated current CSA (Use Group B) [A]	15	A
Rated voltage CSA (Use Group D) [V]	300	V
Rated current CSA (Use Group D) [A]	10	A
No. of poles	19	
Total number of connection points	19	
Total number of potentials	19	
Number of connection types	1	
Number of levels	1	
Connection technology	CAGE CLAMP®	
Actuation type	Operating tool	
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG	
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG	
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ²	
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm ²	
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch	
Pin spacing	5 mm (0.197 in)	
Width	98.2 mm / 3.866 Inch	
Height	14.3 mm / 0.563 Inch	
Depth	27.5 mm / 1.083 Inch	
Contact type (pluggable)	Male connector/plug	

connector)		
Connector connection type	for conductors	
Mismating protection	nein	
Color	gray	
Material group	I	
Insulating material	Polyamide 66 (PA 66)	
Flammability class per UL94	V0	
Clamping spring material	Chrome nickel spring steel (CrNi)	
Contact material	Electrolytic copper (Ecu)	
Contact plating	tin-plated	
Fire load [MJ]	0.493	MJ
Weight [g]	28.7	g
Limit temperature range	-60 ... 100 °C	
Pin spacing from [in]	0.197	in
Pin spacing from [mm]	5	mm
Contact type	Male connector/plug; for conductors	
Product Family	MCS MIDI Classic	
Main product function	Male connector/plug	
Product type	Pluggable PCB connectors	

[Upwards](#)