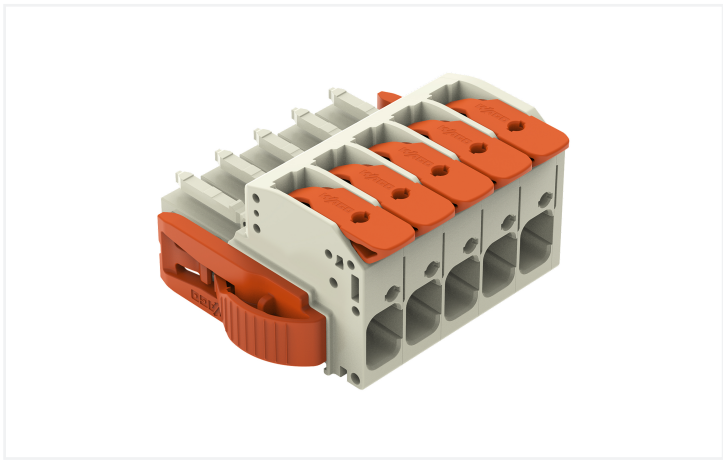


Data Sheet | Item Number: 831-1105/038-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 10 mm²; Pin spacing 7.62 mm; 5-pole; 100% protected against mismating; Lateral locking levers; 10,00 mm²; light gray



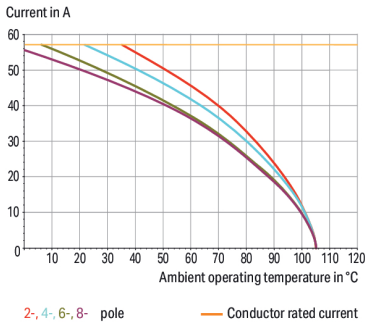
<https://www.wago.com/831-1105/038-000>



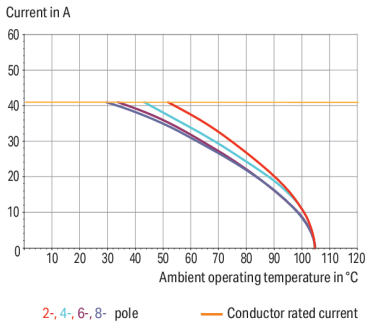
Color: ■ light gray

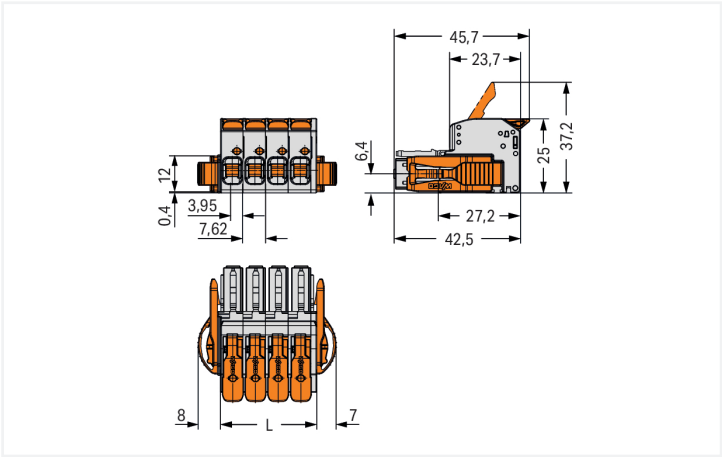


Derating Curve
1-conductor female connector (831-11xx) with
1-conductor male connector (831-12xx)
Pin spacing: 7.62 mm / Conductor cross-section: 10 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



Derating Curve
1-conductor female connector (831-11xx) with
THT male header (831-36xx)
Pin spacing: 7.62 mm / Conductor cross-section: 6 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8





Dimensions in mm
L = (pole no. x pin spacing) + 1.9 mm

Female connector, 831 Series, lever

Our female connector (item number 831-1105/038-000) ensures effortless electrical installations. Conductors can only be connected to this female connector if their strip length is between 11 and 13 mm . This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. The item's dimensions are (64 x 25 x 45.7) mm (width x height x depth). Depending on the conductor type, this female connector is suitable for conductor cross sections ranging from 0.5 mm² to 10 mm².

Tin is used for coating the contact surfaces.

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 colors 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			Approvals per		UL 1059	
Overvoltage category		III	III	II	Use group	B	C	D
Pollution degree		3	2	2	Rated voltage	-	600 V	600 V
Nominal voltage		800 V	1000 V	1000 V	Rated current	-	37 A	5 A
Rated impulse withstand voltage		8 kV	8 kV	8 kV				
Rated current		41 A	41 A	41 A				
Approvals per		CSA						
Use group		B	C	D				
Rated voltage		-	600 V	600 V				
Rated current		-	35 A	5 A				



Environmental requirements	
Limit temperature range	-60 ... +105 °C
Processing temperature	-35 ... +60 °C

Commercial data	
PU (SPU)	12 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966406221
Customs tariff number	85366990990

Product Classification	
UNSPSC	39121409
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 831-1105/038-000	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 831-1105/038-000	