Data Sheet | Item Number: 713-1106 1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 12-pole; 100% protected against mismating; 1,50 mm²; black https://www.wago.com/713-1106

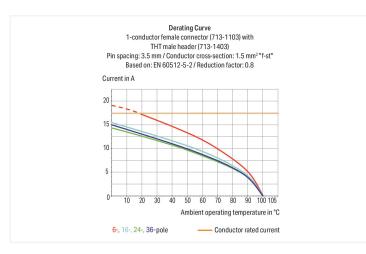


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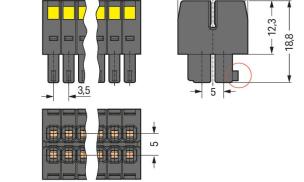
Color: Dlack

Similar to illustration



- · Universal connection for all conductor types
- Unique, compact, double-row connector system for conductor cross-sections up to 1.5 mm²
- · High-density, wire-to-board connections in very confined spaces
- Centered strain relief plate anchors conductors, while acting as convenient connection and disconnection handle. It also provides easy access to operating slots even when wired.
- Coding fingers provide 100% protection against mismating

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 Gold-plated contact surfaces Other versions (or variants) can be requested from WAGO Sales or configured at https:// configurator.wago.com/.



Dimensions in mm

L = [(pole no./2) – 1] x pin spacing + 5.2 mm Coding finger (red circle)

Data Sheet | Item Number: 713-1106 https://www.wago.com/713-1106



Electrical data			
Ratings per	IEC/EN 60664-1		
Overvoltage category	Ш	III	Ш
Pollution degree	3	2	2
Nominal voltage	80 V	160 V	250 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	10 A	10 A	10 A
Approvals per		CSA	
Use group	В	С	D
Rated voltage	300 V	-	-
Rated current	10 A	-	-

Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	300 V	50 V	-
Rated current	10 A	10 A	-

Connection data				
Connection data				
Connection points	12		Connection 1	
Total number of potentials	12		Connection technology	CAGE CLAMP®
Number of connection types	1		Actuation type	Operating tool
Number of levels 2	Actuation direction 1	Operation perpendicular to conductor entry		
	Solid conductor	0.08 1.5 mm² / 28 16 AWG		
	Fine-stranded conductor	0.08 1.5 mm² / 28 16 AWG		
		Fine-stranded conductor; with insulated ferrule	0.25 1 mm²	
		Fine-stranded conductor; with uninsula- ted ferrule	0.25 1 mm²	
			Strip length	6 7 mm / 0.24 0.28 inches
		Pole number	12	
		Conductor entry direction to mating di- rection	0°	

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	22.5 mm / 0.886 inches
Height	18.8 mm / 0.74 inches
Depth	16 mm / 0.63 inches

Mechanical data	
Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection	
Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes

https://www.wago.com/713-1106

Material data



Note (material data)	
	Information on material specifications can be found here
Color	black
Material group	ll
Insulation material	Glass fiber-reinforced polyamide (PA66 GF)
Flammability class per UL94	VO
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.095 MJ
Weight	6.3 g

Environmental requirements	
Limit temperature range	-60 +100 °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)	50 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454696092
Customs tariff number	85366990990

Environmenta	Product Com	pliance
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RoHS Compliance Status

Compliant,No Exemption

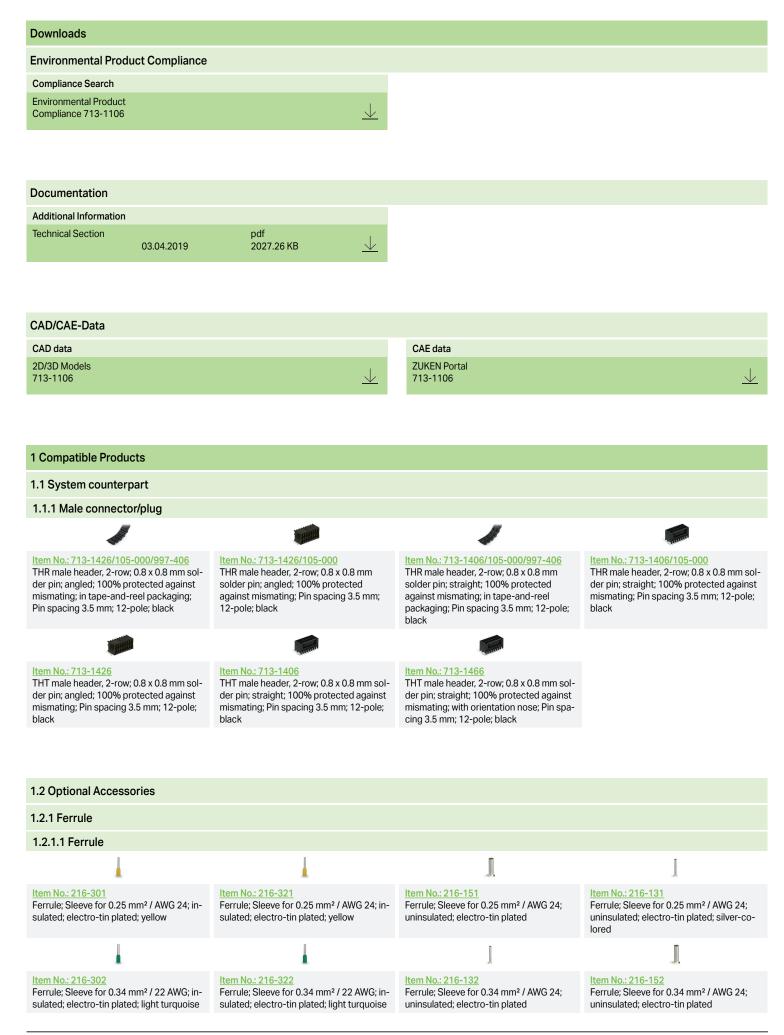
Approvals / Certificates

General approvals

SP KEUR	FL °	
Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-102427
CSA CSA Group	C22.2	2315087
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-133740
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124- 22905991-1

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1.2.2 Stickers with operating instructions

1.2.2.1 Stickers with operating instructions



Item No.: 210-493 Stickers for operating instructions

1.2.3 Strain relief

1.2.3.1 Strain relief plate



Item No.: 713-130 Strain relief plate; for female connectors; 1 part; Pin spacing 3.5 mm; black

https://www.wago.com/713-1106



1.2.4 Tool

1.2.4.1 Operating tool

Item No.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft Item No.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

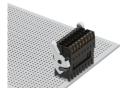
Installation Notes

Conductor termination



Inserting a conductor via (2.5 x 0.4) mm screwdriver.

Locking system



Lever as a lock – when closed, female connector is locked.



Lever as a disconnection aid – when opened, female connector is disconnected. Rotating the lever lifts the female connector out of the male header.



Screw interlock can only be disconnected using a tool.

Coding

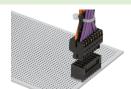


Coding a female connector by removing coding finger(s).

Strain relief



Strain relief plate for field assembly



Centered strain relief plate anchors conductors for easy disconnection.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: <u>www.wago.com</u>