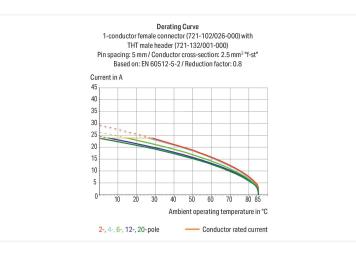
1-conductor female connector; CAGE CLAMP<sup>®</sup>; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 8-pole; 100% protected against mismating; Lateral locking levers; 2,50 mm<sup>2</sup>; light gray https://www.wago.com/721-108/037-000

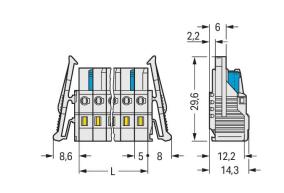




Color: 🔳 light gray

Similar to illustration





Dimensions in mm L = pole no. x pin spacing 2-pole female connectors – one latch only

- Universal connection for all conductor types
- · Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- Integrated test ports
- 100% protected against mismating
- Coding option available

#### 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.

# Other pole numbers

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

Variants:

# Data Sheet | Item Number: 721-108/037-000 https://www.wago.com/721-108/037-000



Electrical data				
Ratings per	IE	IEC/EN 60664-1		
Overvoltage category	Ш	III	Ш	
Pollution degree	3	2	2	
Nominal voltage	320 V	320 V	630 V	
Rated surge voltage	4 kV	4 kV	4 kV	
Rated current	16 A	16 A	16 A	
Ratings				
Approvals per		UL 1977		
Rated voltage	600 V			
Rated current		15 A		

Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	300 V	-	300 V
Rated current	15 A	-	10 A

Approvals per		CSA	
Use group	В	С	D
Rated voltage	300 V	-	300 V
Rated current	15 A	-	10 A

8 0°

Connection data			
Connection points	8	Connection 1	
Total number of potentials	8	Connection technology	CAGE CLAMP®
Number of connection types	1	Actuation type	Operating tool
Number of levels	1	Actuation direction 1	Operation parallel to conductor entry
	Actuation direction 2	Operation perpendicular to conductor entry	
		Solid conductor	0.08 2.5 mm² / 28 12 AWG
		Fine-stranded conductor	0.08 2.5 mm² / 28 12 AWG
	Fine-stranded conductor; with insulated ferrule	0.25 1.5 mm²	
	Fine-stranded conductor; with uninsula- ted ferrule	0.25 2.5 mm²	
		Strip length	8 9 mm / 0.31 0.35 inches

Physical data		
Pin spacing	5 mm / 0.197 inches	
Width	56.6 mm / 2.228 inches	
Height	14.3 mm / 0.563 inches	
Depth	29.6 mm / 1.165 inches	

Pole number

rection

Conductor entry direction to mating di-

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
Locking of plug-in connection	Locking lever

https://www.wago.com/721-108/037-000

Material data



Note (material data)	
	Information on material specifications can be found here
Color	light gray
Material group	1
Insulation material	Polyamide (PA66)
Flammability class per UL94	VO
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.22 MJ
Weight	15.7 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	27-44-03-09
eCl@ss 9.0	27-44-03-09
ETIM 8.0	EC002638
ETIM 7.0	EC002638
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918354929
Customs tariff number	85366990990

**RoHS Compliance Status** 

Compliant,No Exemption

# Approvals / Certificates

# **General approvals**



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-39756/A1
CSA DEKRA Certification B.V.	C22.2	1466354
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453
UL Underwriters Laboratories Inc.	UL 1977	E45171
UL Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

## Data Sheet | Item Number: 721-108/037-000 https://www.wago.com/721-108/037-000

# Approvals for marine applications





# Downloads

Environmenta	al Product	Compliance
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Compliance Search	
Environmental Product Compliance 721-108/037-000	$\underline{\checkmark}$

#### Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	$\downarrow$

#### CAD/CAE-Data CAD data CAE data 2D/3D Models **EPLAN** Data Portal $\downarrow$ 721-108/037-000 721-108/037-000 **ZUKEN** Portal 721-108/037-000

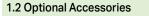


CLAMP®; 2.5 mm²; Pin spacing 5 mm; 8pole; 100% protected against mismating; 2,50 mm<sup>2</sup>; light gray

angled; 100% protected against mismating; Pin spacing 5 mm; 8-pole; light gray straight; 100% protected against mismating; Pin spacing 5 mm; 8-pole; light gray

# Data Sheet | Item Number: 721-108/037-000 https://www.wago.com/721-108/037-000





### 1.2.1 Cover

### 1.2.1.1 Cover

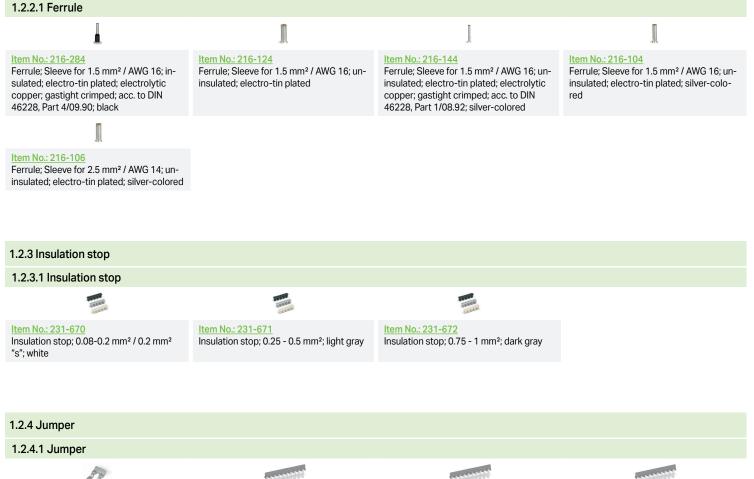
Item No.: 231-668 Lockout caps; for covering unused clamping units; gray

Item No.: 231-669 Lockout caps; for covering unused clamping units: orange



https://www.wago.com/721-108/037-000





#### Item No.: 231-902

Jumper; for conductor entry; 2-way; insulated; gray Item No.: 231-903 Jumper; for conductor entry; 3-way; insulated; gray Item No.: 231-905 Jumper; for conductor entry; 5-way; insulated; gray And Addama

### Item No.: 231-907

Jumper; for conductor entry; 7-way; insulated; gray

#### 1.2.5 Marking

#### 1.2.5.1 Marking strip

### Item No.: 210-331/500-103

Marking strips; as a DIN A4 sheet; MAR-KED; 1-12 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

## ////

Item No.: 210-332/500-204 Marking strips; as a DIN A4 sheet; MAR-KED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

#### KED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

Marking strips; as a DIN A4 sheet; MAR-

# Item No.: 210-332/500-206

Item No.: 210-332/500-202

Marking strips; as a DIN A4 sheet; MAR-KED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

# Item No.: 210-332/500-205

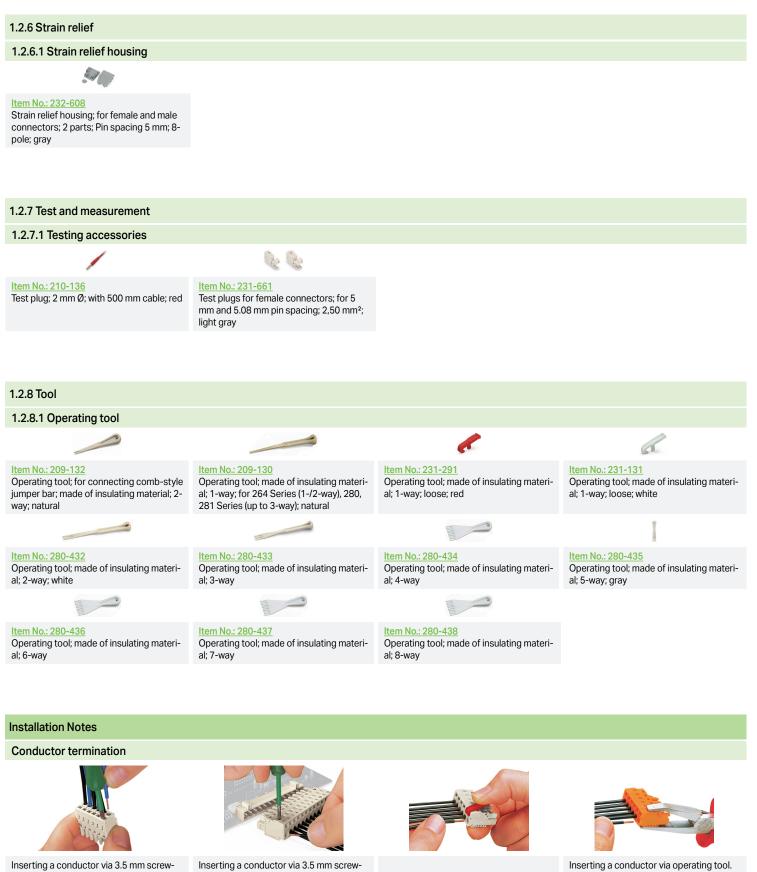
Marking strips; as a DIN A4 sheet; MAR-KED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

# Item No.: 210-331/500-104

Marking strips; as a DIN A4 sheet; MAR-KED; 13-24 (300x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

https://www.wago.com/721-108/037-000





Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.

Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.

https://www.wago.com/721-108/037-000







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

# Testing



Testing perpendicular to conductor entry with 2 or 2.3 mm Ø test plug – female connector with CAGE CLAMP<sup>®</sup> – via integrated test ports

### Installation



Male connector with strain relief plate



Strain relief housing shown with a male connector equipped with CAGE CLAMP®

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