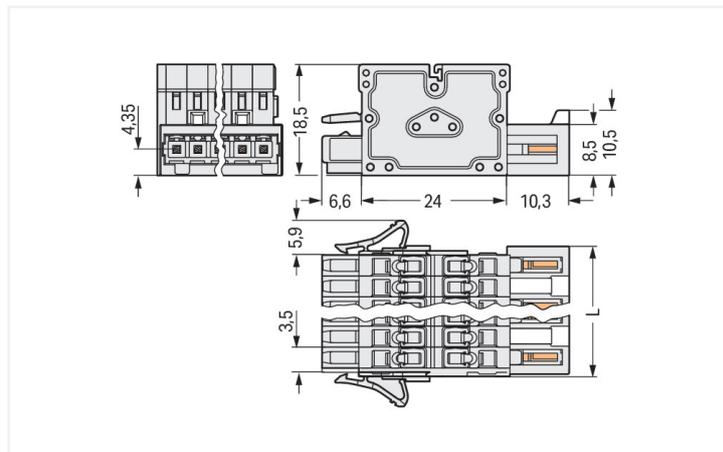


# Data Sheet | Item Number: 734-371/037-000

2-conductor combi strip; 100% protected against mismatching; 1.5 mm<sup>2</sup>; Locking lever; 11-pole; Pin spacing 3.5 mm; light gray

<https://www.wago.com/734-371/037-000>



Color: ■ light gray

Similar to illustration

Dimensions in mm

L = (pole no. - 1) x pin spacing + 5.9 mm + 0.45 mm

## Distribution connector, 734 Series, light gray

This distribution connector (item number 734-371/037-000) is designed for hassle-free electrical installations. Strip lengths must be between 6 and 7 mm when connecting conductors to this distribution connector. Featuring one conductor terminal along with CAGE CLAMP®, this connector delivers reliable performance. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. Dimensions: (50.3 x 18.5 x 40.9) mm (width x height x depth). This distribution connector is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 1.5 mm<sup>2</sup>.

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 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		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated impulse withstand voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	10 A	10 A	10 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	10 A	-	10 A

Approvals per	CSA		
	B	C	D
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	10 A	-	10 A

## Connection Data

Clamping units	22
Total number of potentials	11
Number of connection types	1
Number of levels	1

## Connection 1

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Actuation direction 1	Operation parallel to conductor entry
Actuation direction 2	Operation perpendicular to conductor entry
Solid conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Note (conductor cross-section)	Terminating 1.5 mm <sup>2</sup> conductors is possible; however insulation diameter does not allow clamping units to be terminated in a row.
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches
Pole number	11
Conductor entry direction to mating direction	0°

## Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	50.3 mm / 1.98 inches
Height	18.5 mm / 0.728 inches
Depth	40.9 mm / 1.61 inches

## Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

## Plug-in connection

Contact type (pluggable connector)	Distribution connector
Connector (connection type)	for conductor
Mismating protection	Yes
Locking of plug-in connection	Locking lever

## Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	light gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.412 MJ
Weight	26.5 g

**Environmental requirements**

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

**Commercial data**

PU (SPU)	25 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143759250
Customs tariff number	85366990990

**Product Classification**

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates**

**Approvals for marine applications**



Approval	Standard	Certificate Name
BV Bureau Veritas S.A.	IEC 60998	11915/E0 BV

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 734-371/037-000



## Documentation

### Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	
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## CAD/CAE-Data

### CAD data

2D/3D Models 734-371/037-000	
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### CAE data

ZUKEN Portal 734-371/037-000	
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## 1 Compatible Products

### 1.1 System counterpart

#### 1.1.1 Female connector/socket



**Item No.: [734-111](#)**

1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 11-pole; 100% protected against mismatching; 1,50 mm²; light gray

#### 1.1.2 Male connector/plug



**Item No.: [734-311](#)**

1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 11-pole; 100% protected against mismatching; 1,50 mm²; light gray

## 1.2 Optional Accessories

### 1.2.1 Marking

#### 1.2.1.1 Marking strip



**Item No.: [210-332/350-202](#)**

Marking strips; as a DIN A4 sheet; MARKED; 1-16 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



**Item No.: [210-332/350-204](#)**

Marking strips; as a DIN A4 sheet; MARKED; 17-32 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white



**Item No.: [210-332/350-206](#)**

Marking strips; as a DIN A4 sheet; MARKED; 33-48 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

## 1.2.2 Test and measurement

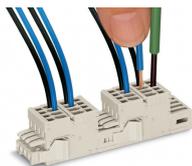
### 1.2.2.1 Testing accessories



**Item No.: 735-500**

WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm<sup>2</sup>

## Installation Notes



2-conductor combi strips with locking levers for multiplying potentials