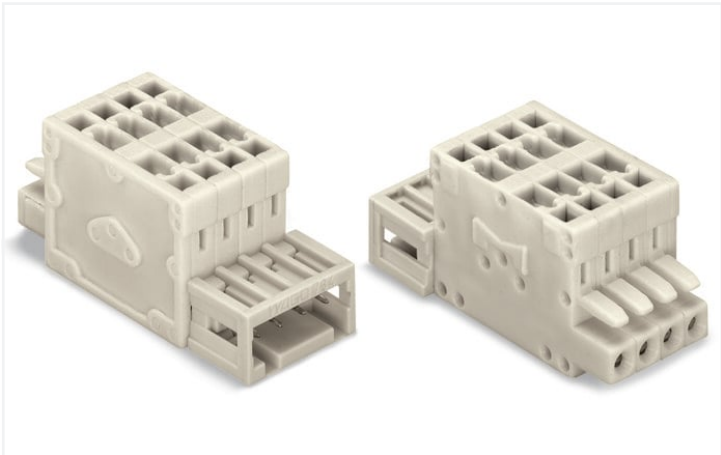


Data Sheet | Item Number: 734-370

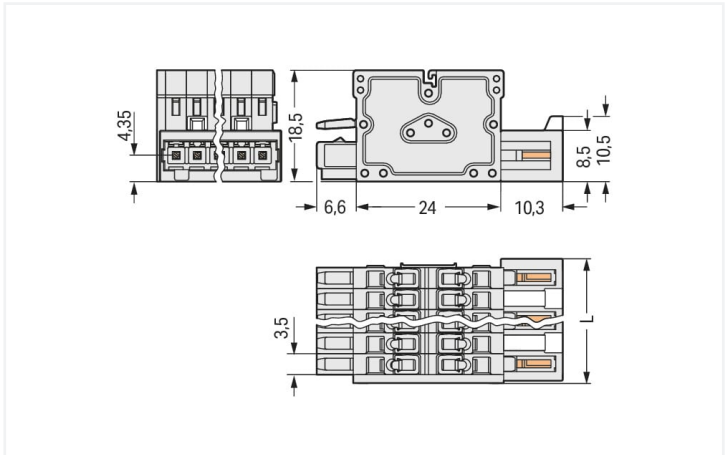
2-conductor combi strip; 100% protected against mismatching; 1.5 mm²; 10-pole; Pin spacing 3.5 mm; light gray

<https://www.wago.com/734-370>



Color: ■ light gray

Similar to illustration



Dimensions in mm  
L = (pole no. – 1) x pin spacing + 5.9 mm + 0.45 mm

- Universal connection for all conductor types
- 2-conductor strips combine pin and socket connections
- Multiply potentials
- Strain relief plates for factory and field assembly
- Supply via pin-contact side
- Combi strips may be connected to multiply outputs
- 100% protected against mismatching
- 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.

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 |        |        |
|----------------------|----------------|--------|--------|
| Overvoltage category | III            | III    | II     |
| Pollution degree     | 3              | 2      | 2      |
| Nominal voltage      | 160 V          | 160 V  | 320 V  |
| Rated surge 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   |   |       |
|---------------|-------|---|-------|
| Use group     | B     | C | D     |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 10 A  | - | 10 A  |

## Connection data

|                            |    |
|----------------------------|----|
| Connection points          | 20 |
| Total number of potentials | 10 |
| 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                                       | 10                                                                                                                                           |
| Conductor entry direction to mating direction     | 0°                                                                                                                                           |

## Physical data

|             |                        |
|-------------|------------------------|
| Pin spacing | 3.5 mm / 0.138 inches  |
| Width       | 37.85 mm / 1.49 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                    |

## Material data

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | light gray                                                                                                             |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Clamping spring material    | Chrome-nickel spring steel (CrNi)                                                                                      |
| Contact material            | Copper alloy                                                                                                           |
| Contact plating             | Tin                                                                                                                    |
| Fire load                   | 0.362 MJ                                                                                                               |
| Weight                      | 23.8 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)              | 25 pcs                 |
| Packaging type        | Box                    |
| Country of origin     | PL                     |
| GTIN                  | 4045454214616          |
| Customs tariff number | 85366990990            |

| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

| Approvals / Certificates                                                                                                                                                                                                                                   |          |                  |                                                                                                                                                                          |           |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| General approvals                                                                                                                                                                                                                                          |          |                  | Approvals for marine applications                                                                                                                                        |           |                  |
|    |          |                  |   |           |                  |
| Approval                                                                                                                                                                                                                                                   | Standard | Certificate Name | Approval                                                                                                                                                                 | Standard  | Certificate Name |
| CB<br>DEKRA Certification B.V.                                                                                                                                                                                                                             | EN 61984 | NL-54190         | DNV<br>DNV GL SE                                                                                                                                                         | -         | TAE000016Z       |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                            | C22.2    | 1465035          | LR<br>Lloyds Register                                                                                                                                                    | IEC 61984 | 96/20035 (E5)    |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                                                                                                      | EN 61984 | 71-105522        |                                                                                                                                                                          |           |                  |
| UR<br>Underwriters Laboratories Inc.                                                                                                                                                                                                                       | UL 1059  | E45172           |                                                                                                                                                                          |           |                  |

| Downloads                                |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance         |                                                                                     |
| Compliance Search                        |                                                                                     |
| Environmental Product Compliance 734-370 |  |



Documentation

| Additional Information |            |                   |                   |
|------------------------|------------|-------------------|-------------------|
| Technical Section      | 03.04.2019 | pdf<br>2010.85 KB | <a href="#">↓</a> |

CAD/CAE-Data

| CAD data                               | CAE data                                    |
|----------------------------------------|---------------------------------------------|
| 2D/3D Models 734-370 <a href="#">↓</a> | EPLAN Data Portal 734-370 <a href="#">↓</a> |
|                                        | ZUKEN Portal 734-370 <a href="#">↓</a>      |

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



**Item No.: 734-110**

1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; 1,50 mm²; light gray

1.1.2 Male connector/plug



**Item No.: 734-310**

1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; 1,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



**Item No.: 734-159**

Coding key; to be snapped above top level; black



**Item No.: 734-130**

Coding key; to be snapped above top level; white



| 1.2.2 Cover                                                                                                                                                                                       |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.2.2.1 Cover                                                                                                                                                                                     |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
|                                                                                                                  |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
| <p><b>Item No.: 734-420</b><br/>Cover for male connectors; for 734 Series; IP20 protection; black</p>                                                                                             |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
| 1.2.3 Ferrule                                                                                                                                                                                     |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
| 1.2.3.1 Ferrule                                                                                                                                                                                   |                                                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
|                                                                                                                  |                                                                                                              |                                                                                                                  |                                                                                                                |
| <p><b>Item No.: 216-301</b><br/>Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow</p>                                                                       | <p><b>Item No.: 216-321</b><br/>Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow</p>                                                                   | <p><b>Item No.: 216-151</b><br/>Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated</p>                                                                             | <p><b>Item No.: 216-131</b><br/>Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored</p>                                                             |
|                                                                                                                  |                                                                                                              |                                                                                                                  |                                                                                                                |
| <p><b>Item No.: 216-302</b><br/>Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise</p>                                                              | <p><b>Item No.: 216-322</b><br/>Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise</p>                                                          | <p><b>Item No.: 216-132</b><br/>Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated</p>                                                                             | <p><b>Item No.: 216-152</b><br/>Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; uninsulated; electro-tin plated</p>                                                                             |
|                                                                                                                  |                                                                                                              |                                                                                                                  |                                                                                                                |
| <p><b>Item No.: 216-241</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white</p> | <p><b>Item No.: 216-201</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white</p>                                                                     | <p><b>Item No.: 216-221</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white</p>                                                                         | <p><b>Item No.: 216-141</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</p>      |
|                                                                                                                |                                                                                                            |                                                                                                                |                                                                                                              |
| <p><b>Item No.: 216-101</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored</p>                                                              | <p><b>Item No.: 216-121</b><br/>Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored</p>                                                          | <p><b>Item No.: 216-242</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p> | <p><b>Item No.: 216-262</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p> |
|                                                                                                                |                                                                                                            |                                                                                                                |                                                                                                              |
| <p><b>Item No.: 216-202</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray</p>                                                                         | <p><b>Item No.: 216-222</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray</p>                                                                     | <p><b>Item No.: 216-142</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</p>     | <p><b>Item No.: 216-102</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored</p>                                                             |
|                                                                                                                |                                                                                                            |                                                                                                                |                                                                                                              |
| <p><b>Item No.: 216-122</b><br/>Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored</p>                                                             | <p><b>Item No.: 216-243</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red</p> | <p><b>Item No.: 216-263</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red</p>     | <p><b>Item No.: 216-203</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red</p>                                                                             |
|                                                                                                                |                                                                                                            |                                                                                                                |                                                                                                              |
| <p><b>Item No.: 216-223</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red</p>                                                                             | <p><b>Item No.: 216-103</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated</p>                                                                            | <p><b>Item No.: 216-143</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</p>        | <p><b>Item No.: 216-123</b><br/>Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored</p>                                                                |
|                                                                                                                |                                                                                                            |                                                                                                                |                                                                                                              |
| <p><b>Item No.: 216-204</b><br/>Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black</p>                                                                         | <p><b>Item No.: 216-224</b><br/>Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black</p>                                                                     | <p><b>Item No.: 216-244</b><br/>Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black</p> | <p><b>Item No.: 216-264</b><br/>Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black</p> |

1.2.3.1 Ferrule



**Item No.: 216-284**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-124**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated



**Item No.: 216-144**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



**Item No.: 216-104**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored

1.2.4 Marking

1.2.4.1 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

1.2.5 Strain relief

1.2.5.1 Strain relief plate



**Item No.: 734-126**  
Strain relief plate; for female and male connectors; 35 mm wide; 1 part; Pin spacing 3.5 mm; light gray

1.2.6 Test and measurement

1.2.6.1 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 0,5mm²