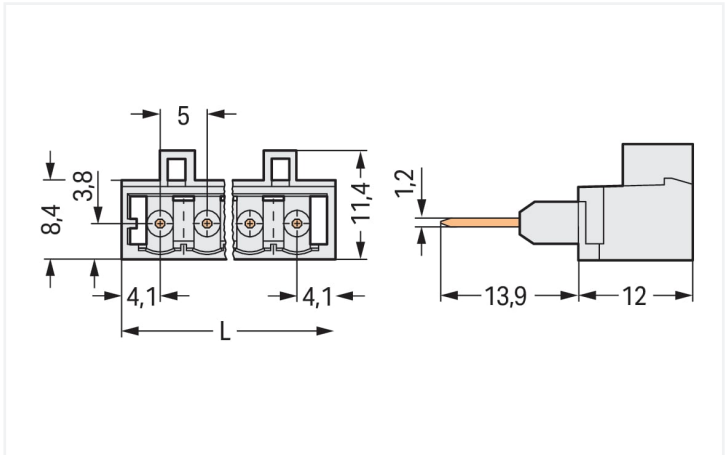


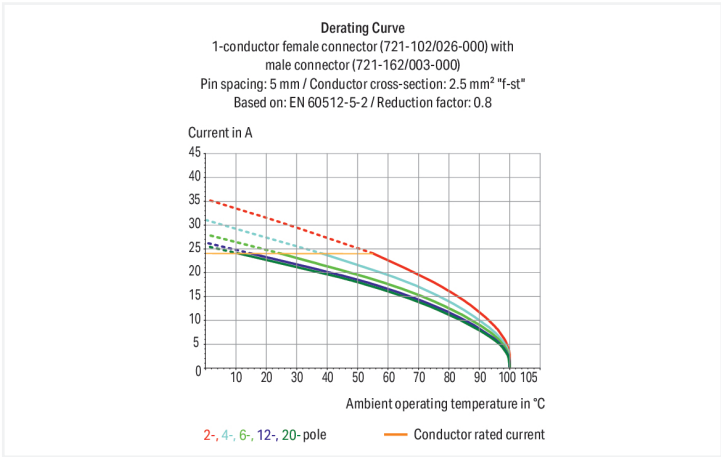
**Data Sheet | Item Number: 721-171/003-000**  
Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismating; Pin spacing 5 mm; 11-pole; light gray  
<https://www.wago.com/721-171/003-000>



Color: ■ light gray



Dimensions in mm  
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 8.2 \text{ mm}$



**Stiftleiste Serie 721, lichtgrau**

Bei dieser Stiftleiste (Artikelnummer 721-171/003-000) ist eine saubere Elektroinstallation der Schwerpunkt. Unsere Leiterplatten-Steckverbinder ermöglichen Ihnen die größtmögliche Flexibilität bei verschiedenen Montagearten. In Breite x Höhe x Tiefe sind die Maße (58,2 x 25,9 x 11,4) mm. Die Kontaktoberfläche besteht aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen.

| 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<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                                                                                                                                                      |



| Electrical data                    |                                                                          |                |       |  |
|------------------------------------|--------------------------------------------------------------------------|----------------|-------|--|
| Ratings per                        |                                                                          | IEC/EN 60664-1 |       |  |
| Overvoltage category               | III                                                                      | III            | II    |  |
| Pollution degree                   | 3                                                                        | 2              | 2     |  |
| Nominal voltage                    | 250 V                                                                    | 320 V          | 630 V |  |
| Rated surge voltage                | 4 kV                                                                     | 4 kV           | 4 kV  |  |
| Rated current                      | 16 A                                                                     | 16 A           | 16 A  |  |
| Approvals per                      |                                                                          | UL 1977        |       |  |
| Rated voltage                      | 600 V                                                                    |                |       |  |
| Rated current                      | 15 A                                                                     |                |       |  |
| Approvals per                      |                                                                          | UL 1059        |       |  |
| Use group                          | B                                                                        | C              | D     |  |
| Rated voltage                      | 300 V                                                                    | -              | 300 V |  |
| Rated current                      | 15 A                                                                     | -              | 10 A  |  |
| Approvals per                      |                                                                          | CSA            |       |  |
| Use group                          | B                                                                        | C              | D     |  |
| Rated voltage                      | 300 V                                                                    | -              | 300 V |  |
| Rated current                      | 15 A                                                                     | -              | 10 A  |  |
| Connection data                    |                                                                          |                |       |  |
| Total number of potentials         | 11                                                                       | Connection 1   |       |  |
| Number of connection types         | 1                                                                        | Pole number    | 11    |  |
| Number of levels                   | 1                                                                        |                |       |  |
| Physical data                      |                                                                          |                |       |  |
| Pin spacing                        | 5 mm / 0.197 inches                                                      |                |       |  |
| Width                              | 58.2 mm / 2.291 inches                                                   |                |       |  |
| Height                             | 25.9 mm / 1.02 inches                                                    |                |       |  |
| Height from the surface            | 12 mm / 0.472 inches                                                     |                |       |  |
| Depth                              | 11.4 mm / 0.449 inches                                                   |                |       |  |
| Mechanical data                    |                                                                          |                |       |  |
| Variable coding                    | Yes                                                                      |                |       |  |
| Anti-rotation protection           | Yes                                                                      |                |       |  |
| Plug-in connection                 |                                                                          |                |       |  |
| Contact type (pluggable connector) | Male connector/plug                                                      |                |       |  |
| Connector (connection type)        | for front-entry rail-mount terminal block                                |                |       |  |
| Mismating protection               | Yes                                                                      |                |       |  |
| 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                                                                       |                |       |  |
| Contact material                   | Electrolytic copper (E <sub>cu</sub> )                                   |                |       |  |
| Contact Plating                    | Tin                                                                      |                |       |  |
| Fire load                          | 0.166 MJ                                                                 |                |       |  |
| Weight                             | 6.5 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           | 27-44-04-02            |
| eCl@ss 9.0            | 27-14-11-06            |
| ETIM 9.0              | EC001284               |
| ETIM 8.0              | EC001284               |
| PU (SPU)              | 100 pcs                |
| Packaging type        | Box                    |
| Country of origin     | PL                     |
| GTIN                  | 4045454777081          |
| Customs tariff number | 85366930000            |

| 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.                                                                                                                                                                                                                                                                                                                 | IEC 61984 | NL-113351                           | ABS<br>American Bureau of Ship-<br>ping                                                                                                                                                                                                                        | -         | 19-HG1869876-PDA |
| CSA<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                                | C22.2     | 1466354                             | BV<br>Bureau Veritas S.A.                                                                                                                                                                                                                                      | IEC 60998 | 11915/D0 BV      |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                                                                                                                                                                                          | EN 61984  | 71-121453                           | DNV<br>DNV GL SE                                                                                                                                                                                                                                               | -         | TAE000016Z       |
| UL<br>Underwriters Laboratories<br>Inc.                                                                                                                                                                                                                                                                                                        | UL 1977   | E45171                              |                                                                                                                                                                                                                                                                |           |                  |
| UL<br>Underwriters Laboratories<br>Inc.                                                                                                                                                                                                                                                                                                        | UL 1059   | UL-US-<br>L45172-6187117-81111991-1 |                                                                                                                                                                                                                                                                |           |                  |

Downloads

| Environmental Product Compliance                       |                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|
| Compliance Search                                      |                                                                                     |
| Environmental Product<br>Compliance<br>721-171/003-000 |  |



Documentation

| Additional Information |            |                   |  |
|------------------------|------------|-------------------|--|
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

CAD/CAE-Data

| CAD data                        |
|---------------------------------|
| 2D/3D Models<br>721-171/003-000 |
|                                 |

| CAE data                        |
|---------------------------------|
| ZUKEN Portal<br>721-171/003-000 |
|                                 |

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



**Item No.: 721-111/026-000**  
1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 11-pole; 100% protected against mismatching; 2,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



**Item No.: 231-129**  
Coding key; snap-on type; light gray

1.2.2 Installation

1.2.2.1 Empty housings



**Item No.: 280-902/056-000**  
Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type; orange



**Item No.: 280-654/056-000**  
Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type; orange



**Item No.: 280-650/056-000**  
Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type; orange



**Item No.: 280-835/056-000**  
Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type; orange



1.2.3 Tool

1.2.3.1 Operating tool



Item No.: 280-440  
Operating tool; made of insulating material; 10-way; white