

Fișă tehnică | Număr articol: 721-173/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight;
100% protected against mismatching; Pin spacing 5 mm; 13-pole; light gray

www.wago.com/721-173/003-000



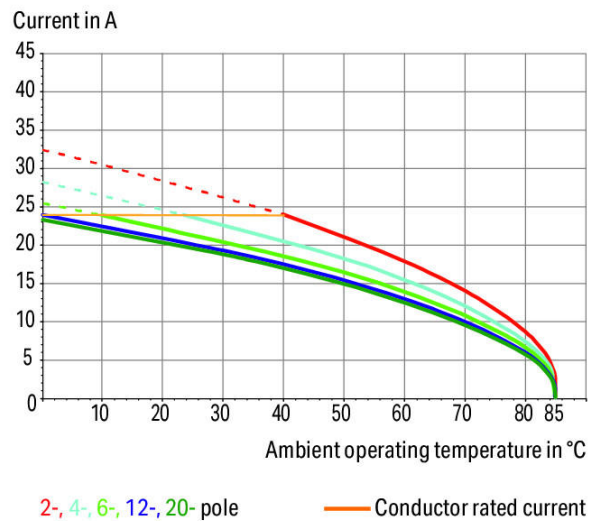
RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare:

Derating Curve

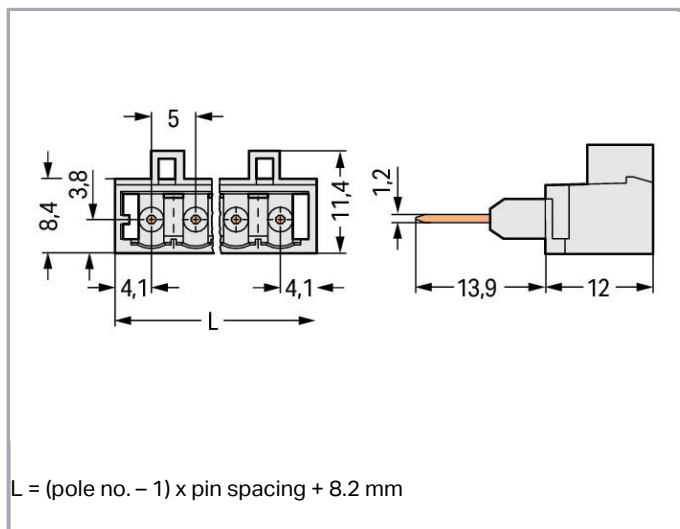
1-conductor female connector (721-102/026-000) with
male connector (721-162/003-000)
Pin spacing: 5 mm / Conductor cross-section: 2.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Male connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Pins can be touched when the connector is unplugged, so power should be supplied via terminal block (observe rated voltage!)
- 100 % protected against mismating
- With coding fingers

Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

Date

Electrical data

Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|----------------|
| Nominal voltage (III/3) | 250 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated surge voltage (III/2) | 4 kV |
| Nominal voltage (II/2) | 630 V |
| Rated surge voltage (II/2) | 4 kV |

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| | |
|------------------|---|
| Rated current | 16 A |
| Legend (ratings) | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A |
| Approvals per | UL 1059 |

Approvals per UL 1977

| | |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 15 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 15 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A |

Connection data

| | |
|----------------------------|----|
| Pole No. | 13 |
| Total number of potentials | 13 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-------------------------|----------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 68,2 mm / 2.685 inch |
| Height | 25,9 mm / 1.02 inch |
| Height from the surface | 12 mm / 0.472 inch |
| Depth | 11,4 mm / 0.449 inch |

Plug connection

| | |
|------------------------------------|---------------------------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type) | for front-entry wiring terminal block |

Supus modificărilor.

| | |
|----------------------|-----|
| Mismating protection | Yes |
|----------------------|-----|

Material Data

| | |
|-----------------------------|--|
| Color | light gray |
| Material group | I |
| Insulation material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0,104 MJ |
| Weight | 7,5 g |

Environmental Requirements



| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

Commercial data

| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4045454987879 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------------|------------------------------|-----------------|
|  | CSA DEKRA Certification B.V. | C22.2 | 1466354 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 2190761.01 |

Ship Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|---------|----------|------------------------------|-----------------|
| | | | |

Supus modificărilor.



ABS
American Bureau of Shipping

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19-
HG1869876-
PDA





DNV GL
Det Norske Veritas, Germanischer Lloyd

-

TAE000016Z

UL-Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---|------------------------------|---------------------|
|  | UL Underwriters Laboratories Inc. | UL 1059 | 20190731- E45172 |
|  | UR UL International Germany GmbH | UL 1977 | E45171 |

Counterpart



Nr. articol 721-113/026-000

1-conductor female plug; 100% protected against mismatching; 2.5 mm²; Pin spacing 5 mm; 13-pole; 2,50 mm²; light gray

www.wago.com/721-113/026-000

Produce compatibile

tools



Nr. articol: 280-440

Operating tool; made of insulating material; 10-way

www.wago.com/280-440

General accessories



Nr. articol: 280-650/056-000

Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type; orange

www.wago.com/280-650/056-000



Nr. articol: 280-654/056-000

Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type; orange

www.wago.com/280-654/056-000

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Nr. articol: 280-835/056-000

Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type; orange

www.wago.com/280-835/056-000



Nr. articol: 280-902/056-000

Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type; orange

www.wago.com/280-902/056-000

Coding



Nr. articol: 231-129

Coding key; snap-on type; light gray

www.wago.com/231-129

Descărcări

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
3,6 MB

Descărcare

CAD/CAE-Data

CAD data

2D/3D Models 721-173/003-000

URL

Descărcare

Installation Notes

Familie de produse

<i>MCS</i> MIDI

[Afișare globală produse din familie.](#)

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