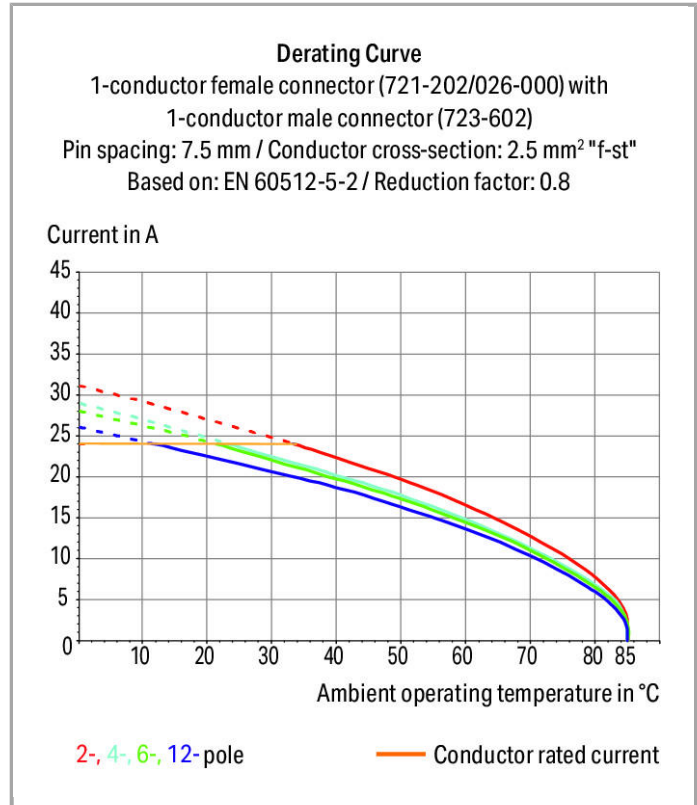
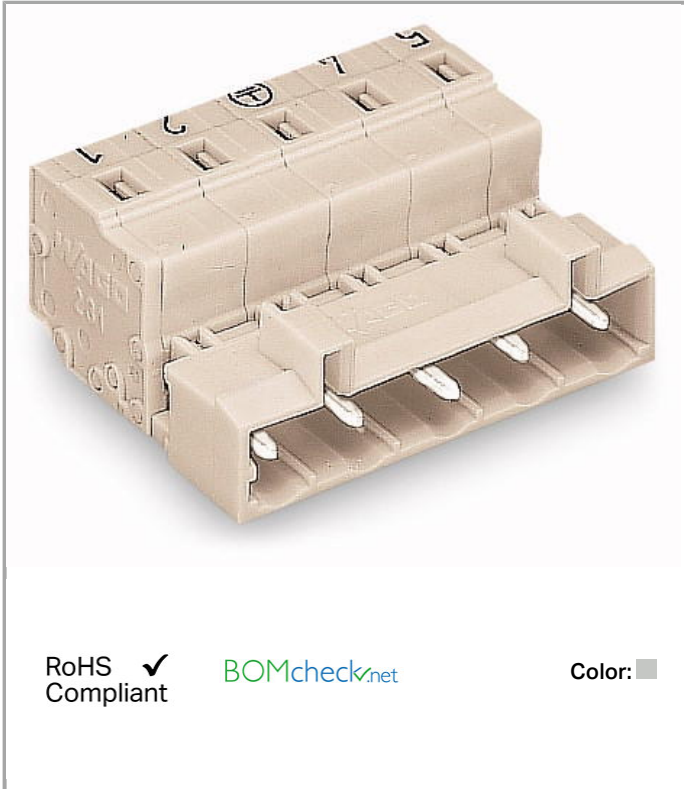


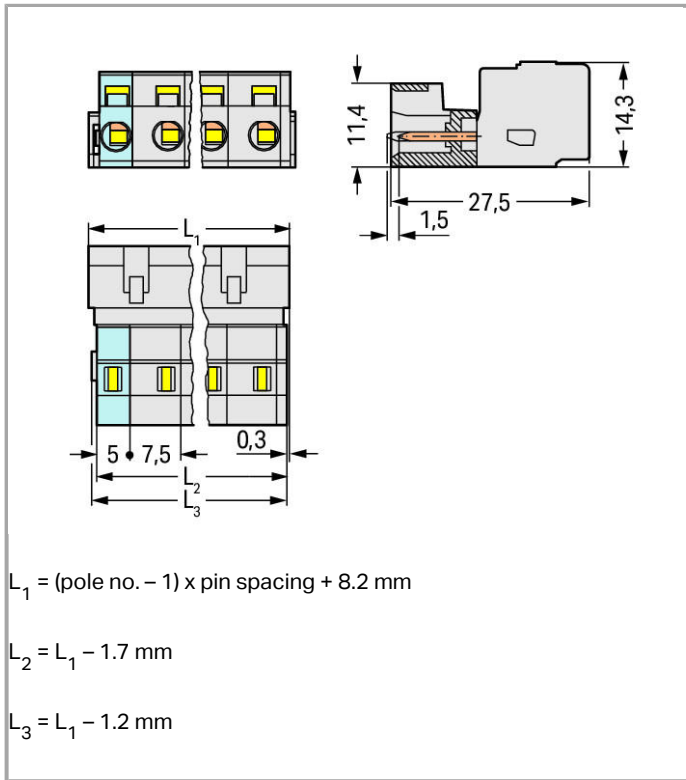
Data sheet | Item number: 723-603

1-conductor male connector; 100% protected against mismatching; 2.5 mm²;

Pin spacing 7.5 mm; 3-pole

www.wago.com/723-603





Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- For wire-to-wire and board-to-wire connections
- Versions available with snap-in mounting feet or flanges for panel or through-panel mounting
- 3- to 5-pole male connectors are also available with preceding ground contact
- 100 % protected against mismatching
- With coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Gold-plated or partially gold-plated contact surfaces, Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|--------|
| Rated voltage (III / 3) | 500 V |
| Rated impulse voltage (III / 3) | 6 kV |
| Rated voltage (III / 2) | 630 V |
| Rated impulse voltage (III / 2) | 6 kV |
| Rated voltage (II / 2) | 1000 V |



| | |
|--------------------------------|----------------------------------------------------------------------|
| Rated impulse voltage (II / 2) | 6 kV |
| Rated current | 12 A |
| Legend (ratings) | (III / 2) \triangleq 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 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

| | |
|-------------------------------------------------------------|----------------------------------------------|
| Connection technology | CAGE CLAMP [®] |
| Actuation type | Operating tool |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 Inch |
| No. of poles | 3 |
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |
| Conductor entry direction to mating direction | 0° |

Geometrical Data

| | |
|-------------|----------------------|
| Pin spacing | 7.5 mm (0.295 inch) |
| Width | 23.2 mm / 0.913 inch |
| Height | 14.3 mm / 0.563 inch |
| Depth | 27.5 mm / 1.083 inch |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
|------------------------------------|---------------------|

| | |
|---------------------------|----------------|
| Connector connection type | for conductors |
| Mismating protection | Yes |

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | light gray |
| Material group | I |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.109 MJ |
| Weight | 5.478 g |

Environmental Requirements



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

Approvals / Certificates


Country specific Approvals

| Logo | Approval | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------------|------------------|
|  | KEMA/KEUR DEKRA Certification B.V. | 2190761.01 |

Ship Approvals

| Logo | Approval | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
|  | ABS American Bureau of Shipping | 14-HG1241537-PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | TAE000016Z |

UL-Approvals

| Logo | Approval | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|  | UR Underwriters Laboratories Inc. | E45171 |
| | UR Underwriters Laboratories Inc. | E45172 |



Subject to changes.

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