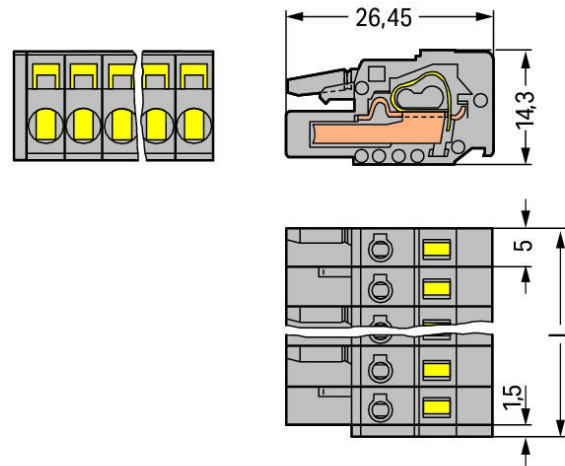
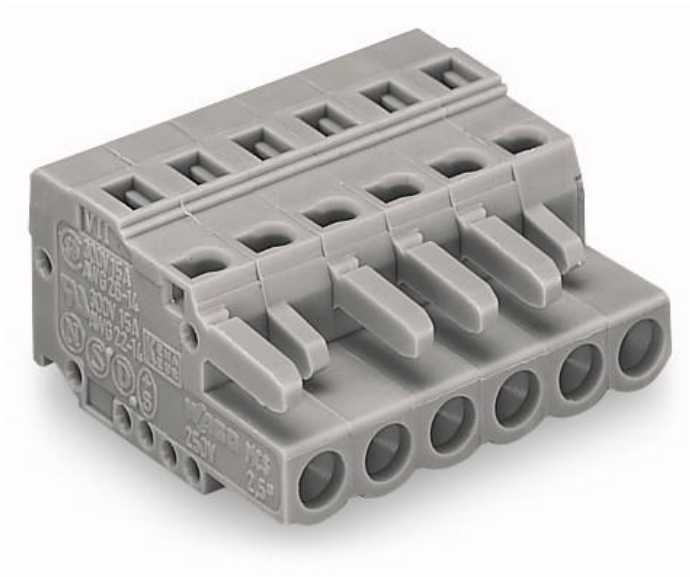


Data sheet | Item number: 231-116/026-000

1-conductor female plug; 2.5 mm²; Pin spacing 5 mm; 16-pole

www.wago.com/231-116/026-000



$$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$$

2- to 3-pole female connectors – one latch only

Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP[®] actuation
- Integrated test ports
- Coding option available

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>. Gold-plated or partially gold-plated contact surfaces

Data

Electrical data



Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 320 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated impulse voltage (III / 2) | 4 kV |
| Rated voltage (II / 2) | 630 V |
| Rated impulse voltage (II / 2) | 4 kV |
| 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 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 | 16 |
| Total number of connection points | 16 |
| Total number of potentials | 16 |
| Number of connection types | 1 |
| Number of levels | 1 |
| Conductor entry direction to mating direction | 0° |

Geometrical Data

| | |
|-------------|---------------------|
| Pin spacing | 5 mm (0.197 in) |
| Width | 81.5 mm / 3.209 in |
| Height | 14.3 mm / 0.563 in |
| Depth | 26.45 mm / 1.041 in |

Plug connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type | for conductors |
| Mismating protection | No |

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | 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 | Copper alloy |
| Contact plating | tin-plated |
| Fire load | 0.394 MJ |
| Weight | 28.111 g |


Environmental Requirements

| | |
|-------------------------|---------------|
| Limit temperature range | -60 ... 85 °C |
|-------------------------|---------------|



Commercial data

| | |
|-------------------|------------------------|
| Country of Origin | DE |
| GTIN | 4044918342179 |
| Product Group | 3 (Multi Conn. System) |




Country specific Approvals

| Logo | Approval | Certificate name |
|--|---------------------------------|------------------|
|  | CB DEKRA Certification B.V. | NL-39756 |
| | CSA DEKRA Certification B.V. | 1466354 |

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 |
|--|---|------------------|
|  | UL UL International Germany GmbH | E45172 |
|  | UL Underwriters Laboratories Inc. | E45172 |
|  | UR UL International Germany GmbH | E45171 |

Subject to changes.

WAGO Corporation
 Germantown, WI 53022
 32423 Minden
 Phone: +49571 887-0 | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at {0}.