

RoHS Compliant

BOMcheck.net

Color:

Item description

- Male connectors for screw mounting in device or enclosure panels
- External plug-in connection via locking latches to female connectors with conductor terminations
- Internal plug-in connection to female headers with solder pins or female connectors with conductor terminations
- Also available with pre-assembled female connectors on both sides
- Fixing flanges also suitable for panel mounting

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)

250 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 |

Connection data

| | |
|----------------------------|---|
| No. of poles | 2 |
| Number of levels | 1 |
| Total number of potentials | 2 |

Geometrical Data

| | |
|-------------|----------------------|
| Pin spacing | 5 mm (0.197 inch) |
| Width | 24.2 mm / 0.953 inch |
| Height | 14.4 mm / 0.567 inch |
| Depth | 33.4 mm / 1.315 inch |

Mechanical data

| | |
|------------------|---|
| Mounting type | Mounting flange |
| Type of mounting | Feed-through mounting Panel mounting |

Plug connection

| | |
|------------------------------------|--------------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for pluggable connectors |
| Mismating protection | No |
| Locking of plug-in connection | Male locking latch |

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | light gray |
| Material group | I |
| Insulating material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.068 MJ |
| Weight | 2.84 g |

Environmental Requirements


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

Commercial data



| | |
|-------------------|---------------|
| Country of origin | DE |
| GTIN | 4050821165705 |
| Product Group | 26 (picoMAX) |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|---------------------------------------|------------------|
| | CB DEKRA Certification B.V. | NL-49737 |
|  | KEMA/KEUR DEKRA Certification B.V. | 71-102261 |

UL-Approvals

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

Downloads

CAD files

PCB libraries

| | | | |
|--|----------------------|---------------|----------|
| TARGET Library for WAGO picoMAX® Compatible with TARGET PCB Design Software Version 17.x | 1.1.0 Oct 6, 2014 | ZIP 2.4 MB | Download |
| EAGLE Library for WAGO picoMAX® | 2.1 Nov 17, 2017 | ZIP 1.9 MB | Download |
| DesignSpark Library for WAGO picoMAX® Compatible with DesignSpark PCB Version 4.x or higher | 2.1 Oct 6, 2014 | ZIP 2.0 MB | Download |



CAD data

3D Download 2092-1632/024-000

URL

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Product family

picoMAX

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Subject to changes.

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Do you have any questions about our products?
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