

Data sheet | Item number: 277-131

Female connector; 5-pole; 2,50 mm²; white

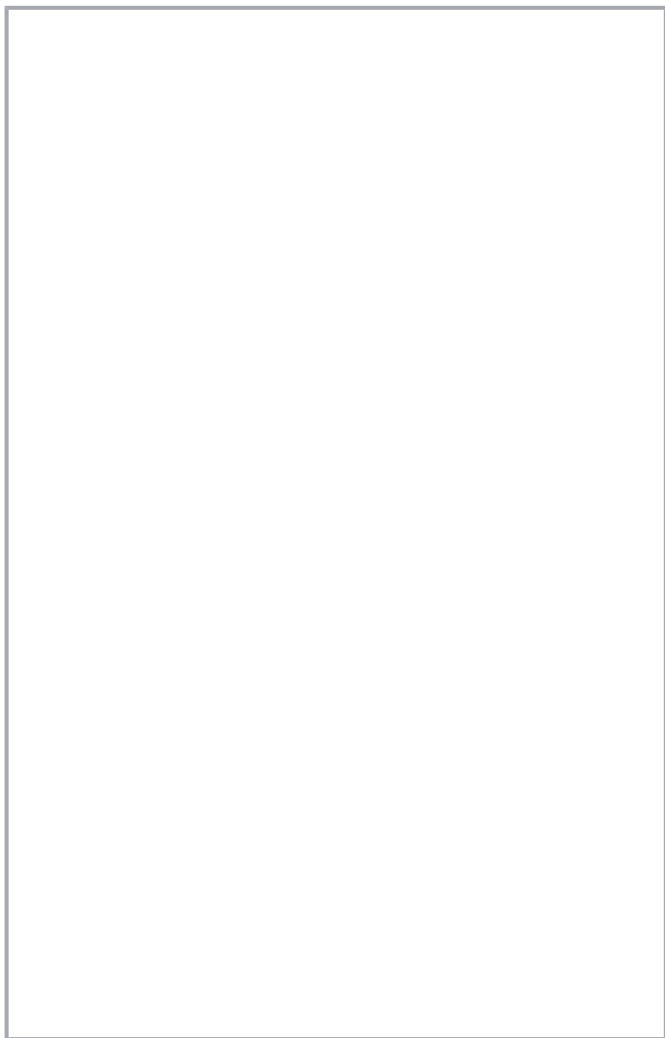
www.wago.com/277-131



Subject to changes. Please also observe the further product documentation!

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We are always happy to take your call at +49 (571) 887-44222.



Item description

- Flexible connection system with PUSH WIRE[®] connection
- Phase selection

Data

Electrical data

Ratings per IEC/EN

| | |
|-----------------------|----------------|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III/2) | 400 V |

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| | |
|-------------------------------|-----------------------------------------------------------|
| Rated impulse voltage (III/2) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

Connection data

| | |
|----------------------------|---|
| Number of connection types | 1 |
|----------------------------|---|

Connection 1

| | |
|-----------------------|---------------------------------------------|
| Connection technology | PUSH WIRE® |
| Solid conductor | 1.5 ... 2.5 mm ² / 16 ... 14 AWG |
| Strip length | 11 ... 12 mm / 0.43 ... 0.47 inches |
| Pole number | 5 |

Physical data

| | |
|--------|------------------------|
| Width | 30 mm / 1.181 inches |
| Height | 31.4 mm / 1.236 inches |
| Depth | 40 mm / 1.575 inches |

Material Data

| | |
|-----------------------------|----------------------------------------------------------|
| Note (material data) | Information on material specifications can be found here |
| Color | white |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V2 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | Tin |
| Fire load | 0.727 MJ |
| Weight | 33.8 g |

Environmental requirements

| | |
|-----------------------|--------|
| Temperature stability | 105 °C |
|-----------------------|--------|

Subject to changes. Please also observe the further product documentation!



Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-44-03-14 |
| eCl@ss 9.0 | 27-44-03-14 |
| ETIM 8.0 | EC000458 |
| ETIM 7.0 | EC000458 |
| Recupel Type | |
| PU (SPU) | 100 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4044918472364 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|-----------------------------------------------------|--------------------------|------------------|
| | CSA DEKRA Certification B.V. | C22.2 | 70048855 |
| | UL UL International Germany GmbH | UL 1977 | E45171 |
| | UR Underwriters Laboratories Inc. | UL 1059 | E45172 |
| | VDE VDE Prüf- und Zertifizierungsinstitut | EN 61984 | 40029569 |

Downloads

Documentation

Additional Information

2019 年4月3日

pdf
2.0 MB

Download

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CAD/CAE-Data

CAD data

| | | |
|----------------------|---------------------|--------------------------|
| 2D/3D Models 277-131 | URL | Download |
|----------------------|---------------------|--------------------------|

CAE data

| | | |
|------------------------|---------------------|--------------------------|
| WSCAD Universe 277-131 | URL | Download |
|------------------------|---------------------|--------------------------|

| | | |
|----------------------|---------------------|--------------------------|
| ZUKEN Portal 277-131 | URL | Download |
|----------------------|---------------------|--------------------------|

| | | |
|---------------------------|---------------------|--------------------------|
| EPLAN Data Portal 277-131 | URL | Download |
|---------------------------|---------------------|--------------------------|

Environmental Product Compliance

Compliance Search

| | | |
|----------------------------------------------------------------------------------------------------|---------------------|--------------------------|
| Environmental Product Compliance 277-131 Female connector; 5-pole; 2,50 mm ² ; white | URL | Download |
|----------------------------------------------------------------------------------------------------|---------------------|--------------------------|

Installation Notes

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