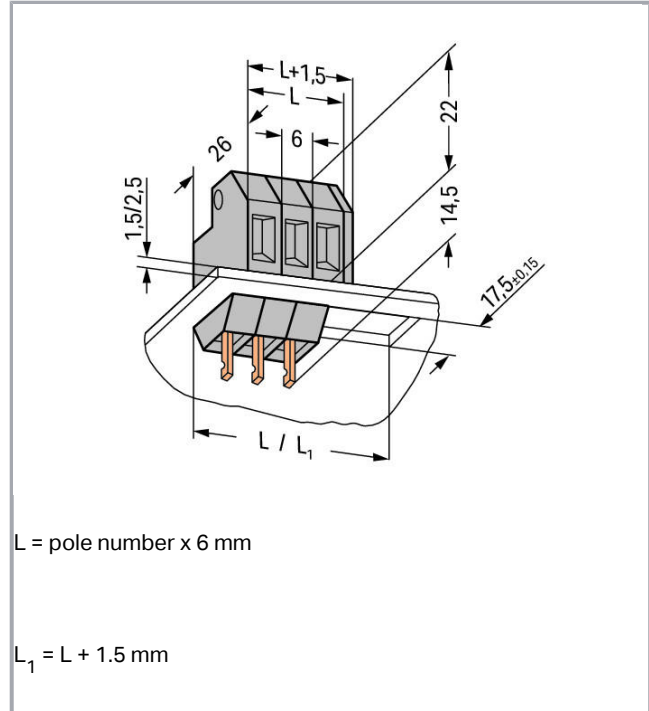
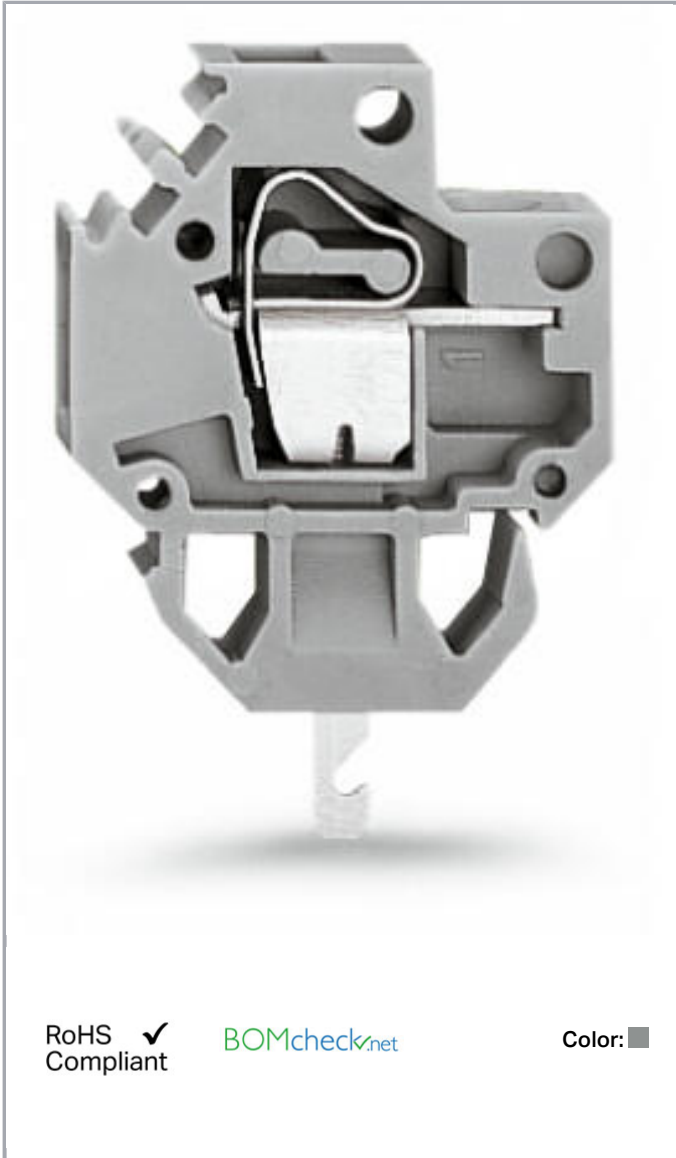


Data sheet | Item number: 226-101

Feedthrough terminal block; Conductor/solder/crimp quick disconnect terminal; Plate thickness: 1.5 mm; 4 mm²; Pin spacing 6 mm; 1-pole; CAGE CLAMP®; 4,00 mm²; gray



www.wago.com/226-101



Item description

- Modular through terminal blocks with screwdriver-actuated CAGE CLAMP®
- Tool-free insertion into sheet metal cutout
- Conductor entry parallel to enclosure wall saves space

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

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Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|-------------------------------|--|
| Ratings per | IEC/EN 60664-1 |
| Ratings (note) | Solder connection |
| Nominal voltage (III/3) | 320 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 |
| Rated current | 20 A |
| Ratings per | IEC/EN 60664-1 |
| Ratings (note) 2 | Quick connect contact |
| Rated voltage (III/3) 2 | 320 V |
| Rated surge voltage (III/3) 2 | 4 kV |
| Rated voltage (III/2) 2 | 320 V |
| Rated surge voltage (III/2) 2 | 4 kV |
| Rated voltage (II/2) 2 | 630 V |
| Rated surge voltage (II/2) 2 | 4 kV |
| Rated current 2 | 6 A |
| Legend (ratings) | (III / 2) \triangleq Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 6 A |
| Rated voltage UL (Use Group C) | 300 V |
| Rated current UL (Use Group C) | 6 A |
| Rated voltage UL (Use Group D) | 600 V |
| Rated current UL (Use Group D) | 5 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 300 V |

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



| | |
|---------------------------------|-------|
| Rated current CSA (Use Group B) | 6 A |
| Rated current CSA (Use Group C) | 6 A |
| Rated voltage CSA (Use Group D) | 600 V |
| Rated current CSA (Use Group D) | 5 A |

Connection data

| | |
|---|--|
| Connection technology | CAGE CLAMP® |
| Number of connection points (connection type) | 1 |
| Actuation type | Operating tool |
| Solid conductor | 0.08 ... 4 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 4 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 2.5 mm ² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm ² |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 inch |
| Pole No. | 1 |
| Connection technology 2 | Solder connection |
| Number of connection points | 1 |
| Connection technology 3 | Quick connect contact |
| Total number of connection points | 1 |
| Total number of potentials | 1 |
| Number of connection types | 2 |
| Number of levels | 1 |

Geometrical Data

| | |
|-------------------------|----------------------|
| Pin spacing | 6 mm / 0.236 inch |
| Width | 6 mm / 0.236 inch |
| Height | 38.5 mm / 1.516 inch |
| Height from the surface | 22 mm / 0.866 inch |
| Depth | 26 mm / 1.024 inch |
| Solder pin dimensions | 2.8 x 0.8 mm |

Mechanical data

| | |
|-------------------------|---------------------------------------|
| Housing sheet thickness | 1.5 ... 1.5 mm / 0.059 ... 0.059 inch |
| Mounting type | Snap-in mounting foot |
| Mounting type | Feed-through mounting |

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

Material Data

| | |
|-----------------------------|--|
| Color | gray |
| Material group | I |
| Insulation material | Polyamide 66 (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0.054 MJ |
| Weight | 3.4 g |

Environmental Requirements


| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|

Commercial data


| | |
|-----------------------|---------------------|
| Product Group | 4 (Printed Circuit) |
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4044918794350 |
| Customs tariff number | 85369010000 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CSA DEKRA Certification B.V. | C22.2 | 70010891 |

Ship Approvals


| Logo | Approval | Additional Approval Text | Certificate name |
|---|---------------------------|--------------------------|------------------|
|  | BV Bureau Veritas S.A. | EN 60947 | 07436/E0 BV |

UL-Approvals

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

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| Logo | Approval | Additional Approval Text | Certificate name |
|--|-------------------------------------|--------------------------|---------------------|
|  | UL UL International Germany GmbH | UL 1059 | 20160630- E45172 |

Counterpart

Compatible products

tools


Item no.: 210-657

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short

www.wago.com/210-657

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

www.wago.com/210-720

ferrule


Item no.: 216-106

 Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated

www.wago.com/216-106

Item no.: 216-141

 Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-141

Item no.: 216-142

 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-142

Item no.: 216-143

 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-143

Item no.: 216-144

 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

www.wago.com/216-144

Item no.: 216-241

 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

www.wago.com/216-241

Item no.: 216-242

 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

www.wago.com/216-242

Item no.: 216-243

 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

www.wago.com/216-243

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

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| | | |
|--|--|--|
|  | Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-244 |
|  | Item no.: 216-246 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-246 |
|  | Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-262 |
|  | Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-263 |
|  | Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-264 |
|  | Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-266 |
|  | Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-284 |
|  | Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-286 |
| check | | |
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red | www.wago.com/210-136 |

Downloads

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf 3.6 MB | Download |
|------------------------|-------------|---------------|----------|

CAD/CAE-Data

CAD data

| | | |
|----------------------|-----|----------|
| 2D/3D Models 226-101 | URL | Download |
|----------------------|-----|----------|

CAE data

| | | |
|---------------------------|-----|----------|
| EPLAN Data Portal 226-101 | URL | Download |
|---------------------------|-----|----------|

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

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WSCAD Universe 226-101

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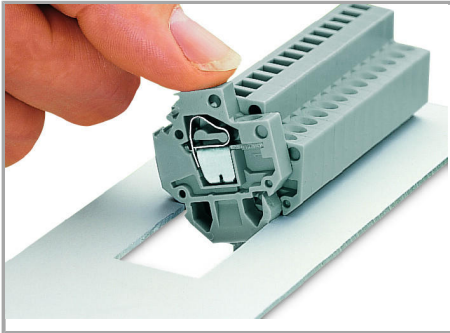
ZUKEN Portal 226-101

[URL](#)

[Download](#)

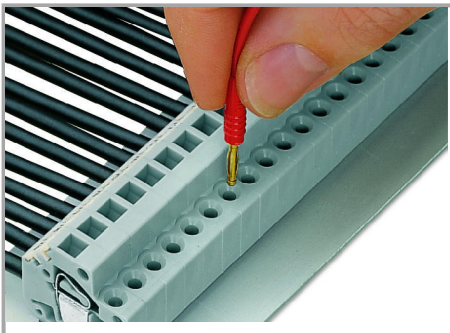
Installation Notes

Installation



Snapping a 226 Series Feedthrough Terminal Block into the cutout.

Testing



Testing with 2 mm Ø test plug – touch contact.

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