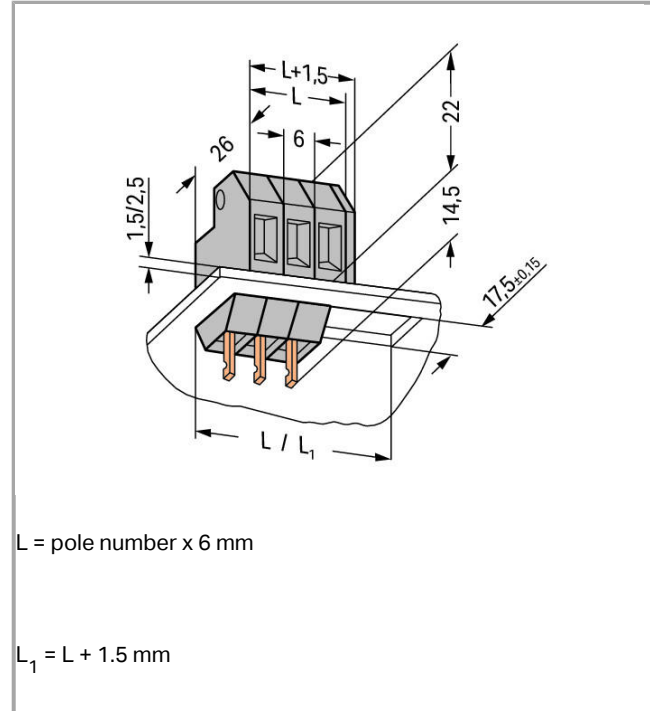


Data sheet | Item number: 226-107

Ground conductor 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; green-yellow



226-107



RoHS Compliant

Color:

Item description

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

Data

Electrical data

Ratings per IEC/EN 60664-1

| Ratings note | Solder contact |
|-----------------------------------|-----------------------|
| Rated voltage (III / 3) | 320 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated voltage (III / 2) | 630 V |
| Rated impulse voltage (III / 2) | 4 kV |
| Rated voltage (II / 2) | 630 V |
| Rated impulse voltage (II / 2) | 4 kV |
| Rated current | 20 A |
| Ratings according to 2 | IEC/EN 60664-1 |
| Ratings note 2 | Quick connect contact |
| Rated voltage (III / 3) 2 | 320 V |
| Rated impulse voltage (III / 3) 2 | 4 kV |
| Rated voltage (III / 2) 2 | 320 V |
| Rated impulse voltage (III / 2) 2 | 4 kV |
| Rated voltage (II / 2) 2 | 630 V |
| Rated impulse voltage (II / 2) 2 | 4 kV |
| Rated current (2) | 6 A |

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 |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 6 A |
| Rated voltage CSA (Use Group C) | 300 V |
| 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 ferrule with plastic collar | 0.25 2.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 2.5 mm ² |
| Strip length | 9 10 mm / 0.35 0.39 inch |
| Connection technology 2 | Solder contact |
| 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 |
| Ground function | Ground conductor |
| No. of poles | 1 |
| Leiterquerschnitte eindrätig | 0.08 mm ² |

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 |

Mechanical data

| | |
|--------------------|-------------------------------|
| Gehäuseblechstärke | 1.5 1.5 mm / 0.059 0.059 inch |
| Mounting type | Snap-in mounting foot |
| Type of mounting | Feed-through mounting |

Material Data

| | |
|-----------------------------|--|
| Color | green-yellow |
| 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 (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0.055 MJ |
| Weight | 4.107 g |

Environmental Requirements


Limit temperature range -60 +105 °C

Commercial data


| | |
|--------------------|---------------------|
| Product Group | 4 (Printed Circuit) |
| Country of origin | DE |
| GTIN | 4044918794398 |
| Customs Tariff No. | 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

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|---------------------|
|  | UL UL International Germany GmbH | UL 1059 | E45172- 19890510 |

Compatible products

tools


| | | |
|--|---|---------|
|  | Item no.: 210-657 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short | 210-657 |
| | Item no.: 210-720 | |








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

210-720

ferrule

| | | |
|--|--|---------|
|  | Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated | 216-106 |
|  | Item no.: 216-141 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-141 |
|  | Item no.: 216-142 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-142 |
|  | Item no.: 216-143 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-143 |
|  | Item no.: 216-144 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | 216-144 |
|  | Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | 216-241 |
|  | Item no.: 216-242 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 | 216-242 |
|  | Item no.: 216-243 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 | 216-243 |
|  | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 216-286 |

General accessories

| | | |
|--|---|---------|
|  | Item no.: 226-109 Spacer; for plate thickness 1.5 mm; 6 mm wide; gray | 226-109 |
|  | Item no.: 226-119 Spacer; for plate thickness 2.5 mm; 6 mm wide; gray | 226-119 |
| check | | |
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red | 210-136 |
| End plate | | |
|  | Item no.: 226-110 End plate; for 630 V, cut-out dimensions L1; 1.5 mm thick; gray | 226-110 |
|  | Item no.: 226-120 End plate; for 400 V, cut-out dimensions L1; 1.5 mm thick; gray | 226-120 |

Downloads

Documentation

Additional Information

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

CAD/CAE - Smart Data

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Subject to changes.