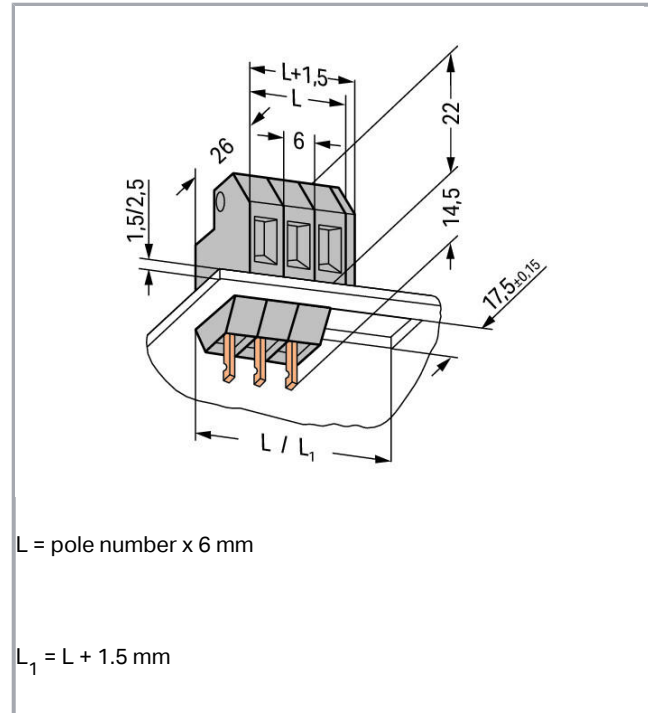


Fișă tehnică | Număr articol: 226-114

Feedthrough terminal block; Conductor/solder/crimp quick disconnect terminal; Plate thickness: 2.5 mm; 4 mm²; Pin spacing 6 mm; 1-pole; CAGE CLAMP®; 4,00 mm²; gray

www.wago.com/226-114



RoHS Compliant

BOMcheck.net

Culoare: ■

Descriere articol

- Modular through terminal blocks with screwdriver-actuated CAGE CLAMP®
- Tool-free insertion into sheet metal cutout

Supus modificărilor.

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/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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- Conductor entry parallel to enclosure wall saves space

Date

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) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 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 | UL 1059 |

Approvals per CSA

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

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| | |
|---------------------------------|-------|
| 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 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 |

Mechanical data

| | |
|-------------------------|---------------------------------------|
| Housing sheet thickness | 2,5 ... 2,5 mm / 0.098 ... 0.098 inch |
| Mounting type | Snap-in mounting foot |
| Mounting type | Feed-through mounting |

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Material Data

| | |
|-----------------------------|--|
| Color | gray |
| Material group | I |
| Insulation 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 | 0,054 MJ |
| Weight | 3,6 g |

Environmental Requirements


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

Commercial data



| | |
|-----------------------|---------------------|
| Product Group | 4 (Printed Circuit) |
| Packaging type | bag |
| Country of origin | DE |
| GTIN | 4044918794442 |
| Customs tariff number | 85369010000 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|  | CSA DEKRA Certification B.V. | C22.2 | 70010891 |

Ship Approvals


| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|----------------------------------|------------------------------|-----------------|
|   | BV Bureau Veritas S.A. | EN 60947 | 07436 /EO BV |

UL-Approvals

Supus modificărilor.











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| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|-------------------------------------|------------------------------|---------------------|
|  | UL UL International Germany GmbH | UL 1059 | 20160630- E45172 |

Counterpart










Produse compatibile

| check | | |
|--|---|--|
|  | Nr. articol: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red | www.wago.com/210-136 |
| ferrule | | |
|  | Nr. articol: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated | www.wago.com/216-106 |
|  | Nr. articol: 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 | www.wago.com/216-141 |
|  | Nr. articol: 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 | www.wago.com/216-142 |
|  | Nr. articol: 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 | www.wago.com/216-143 |
|  | Nr. articol: 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 | www.wago.com/216-144 |
|  | Nr. articol: 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 | www.wago.com/216-241 |
|  | Nr. articol: 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 | www.wago.com/216-242 |
|  | Nr. articol: 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 | www.wago.com/216-243 |
|  | Nr. articol: 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 |

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| | | |
|--|---|--|
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
|  | Nr. articol: 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 |
| tools | | |
|  | Nr. articol: 210-657 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short | www.wago.com/210-657 |
|  | Nr. articol: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft | www.wago.com/210-720 |

Descărcări

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

CAD/CAE-Data

CAE data

| | | |
|---------------------------|-----|------------|
| EPLAN Data Portal 226-114 | URL | Descărcare |
| WSCAD Universe 226-114 | URL | Descărcare |

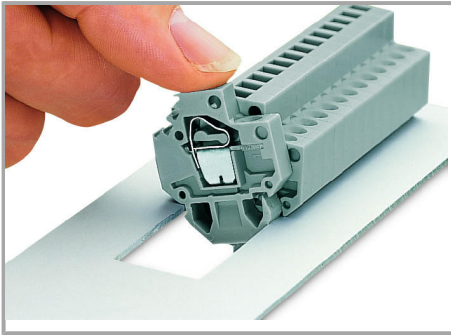
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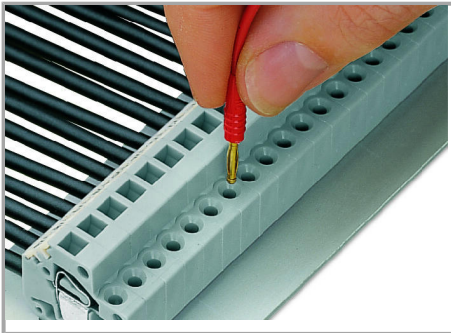
Installation Notes

Installation



Snapping a 226 Series Feedthrough Terminal Block into the cutout.

Testing



Testing with 2 mm Ø test plug – touch contact.

Supus modificărilor.