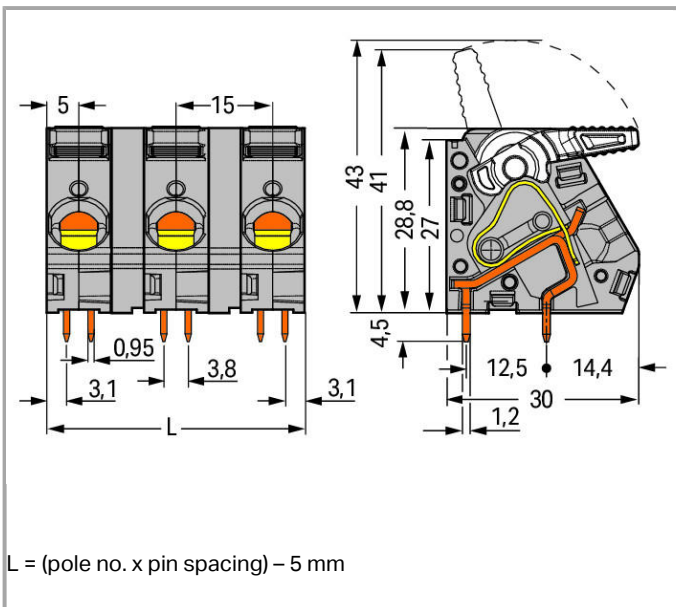
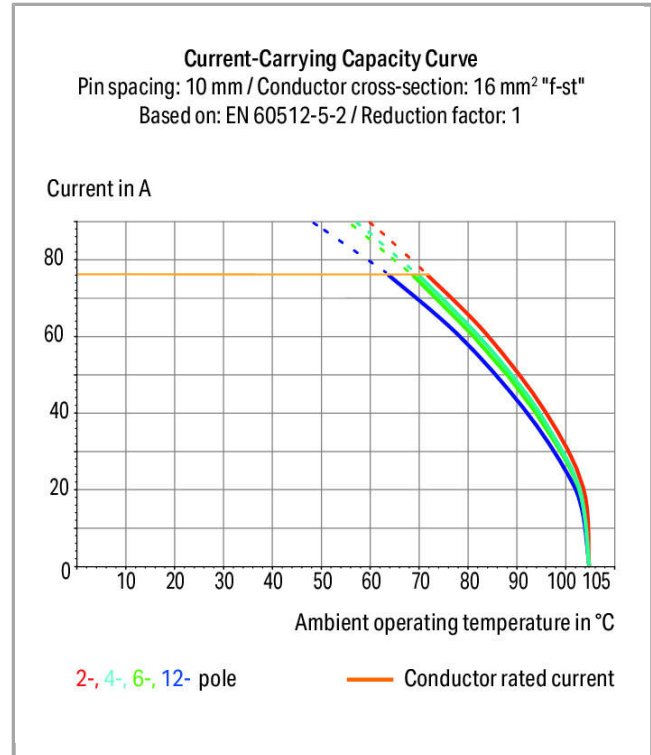
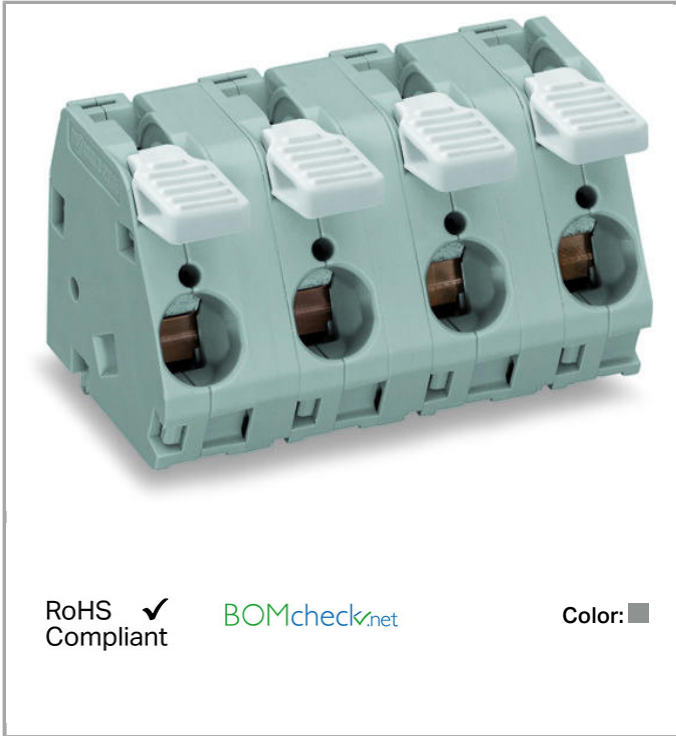


Data sheet | Item number: 2716-202

PCB terminal block; lever; 16 mm²; Pin spacing 15 mm; 2-pole; CAGE CLAMP®



2716-202



Item description

- High-current terminal strips with lever-actuated CAGE CLAMP®

- Tool-free opening and closing – fingers open/close levers
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Four solder pins per contact point for high mechanical stability
- 600V UL for 15mm pin spacing
- Pin and dimensions compatible to high-current, screw-type terminal blocks

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|--------|
| Rated voltage (III / 3) | 800 V |
| Rated impulse voltage (III / 3) | 8 kV |
| Rated voltage (III / 2) | 1000 V |
| Rated impulse voltage (III / 2) | 8 kV |
| Rated voltage (II / 2) | 1000 V |
| Rated impulse voltage (II / 2) | 8 kV |
| Rated current | 76 A |

Approvals per UL 1059

| | |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 65 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 65 A |

Connection data

| | |
|---|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 1.5 ... 16 mm ² / 16 ... 6 AWG |
| Fine-stranded conductor | 1.5 ... 16 mm ² / 16 ... 6 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 1.5 ... 10 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 1.5 ... 10 mm ² |
| Strip length | 12 ... 13 mm / 0.47 ... 0.51 inch |
| Conductor entry angle to the PCB | 30° |
| No. of poles | 2 |
| Total number of connection points | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-----------------------------------|--------------------------------|
| Pin spacing | 15 mm / 0.591 inch |
| Width | 26.5 mm / 1.043 inch |
| Height | 33.3 mm / 1.311 inch |
| Height from the surface | 28.8 mm / 1.134 inch |
| Depth | 30 mm / 1.181 inch |
| Solder pin length | 4.5 mm |
| Solder pin dimensions | 0.95 x 1.2 mm |
| Drilled hole diameter (tolerance) | 1.6 ^(- ... +0.1) mm |

PCB contact

| | |
|-------------------------------------|---|
| PCB contact | THT |
| Solder pin arrangement | over the entire terminal strip, in line |
| Number of solder pins per potential | 4 |

Material Data

| | |
|-----------------------------|--|
| Color | gray |
| 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 | 0.365 MJ |
| Weight | 19.96 g |

Environmental Requirements

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





Commercial data

| | |
|--------------------|---------------------|
| Product Group | 4 (Printed Circuit) |
| Country of origin | PL |
| GTIN | 4045454739416 |
| Customs Tariff No. | 85369010000 |


Approvals / Certificates

Country specific Approvals

Certificate

| Logo | Approval | Additional Approval Text | name |
|--|----------------------------------|--------------------------|-------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7131 |
|  | CSA DEKRA Certification B.V. | C22.2 | 1132097 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 1132097 |
|  | ENEC DEKRA Certification B.V. | EN 60947 | 2160584.29 |

UL-Approvals






| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|------------------|
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172, sec. 6 |

Compatible products



















check

| | | |
|--|---|---------|
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable | 210-136 |
|--|---|---------|

ferrule

| | | |
|--|--|---------|
|  | Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | 216-104 |
|  | Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated | 216-106 |
|  | Item no.: 216-107 Ferrule; Sleeve for 4 mm ² / AWG 12; uninsulated; electro-tin plated | 216-107 |
|  | Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated | 216-108 |
|  | Item no.: 216-109 Ferrule; Sleeve for 10 mm ² / AWG 8; uninsulated; electro-tin plated | 216-109 |

Item no.: 216-124

| | | |
|--|---|---------|
|  | Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | 216-124 |
|  | 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.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated | 216-204 |
|  | Item no.: 216-205 Ferrule; Sleeve for 2.08 mm ² / AWG 14; insulated; electro-tin plated | 216-205 |
|  | Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated | 216-206 |
|  | Item no.: 216-207 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated | 216-207 |
|  | Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-208 |
|  | Item no.: 216-209 Ferrule; Sleeve for 10 mm ² / AWG 8; insulated; electro-tin plated | 216-209 |
|  | Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated | 216-224 |
|  | 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 | 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 | 216-246 |
|  | 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 | 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 | 216-266 |
|  | Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-267 |
|  | 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 | 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 | 216-286 |
|  | Item no.: 216-287 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-287 |
|  | Item no.: 216-288 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-288 |
| | Item no.: 216-289 | |



Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped;
acc. to DIN 46228, Part 4/09.90

216-289

Downloads

Documentation

Additional Information

| | |
|--------|----------|
| pdf | Download |
| 3.6 MB | |

CAD/CAE - Smart Data

CAD data

3D Download 2716-202

| | |
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Subject to changes.