

Printview: Male connector; with straight solder pins; 16-pole; pin spacing 5.08 mm / 0.2 in; Vertical PCB mounting; with closed end - Item No.: 231-346/001-000

WAGO® online catalog / eShop

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Item No.: 231-346/001-000



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Marking

RoHS ✓
Compliant

Business data

| | |
|----------------------|-----------------|
| Supplier | WAGO |
| Item no. | 231-346/001-000 |
| EAN | 4044918865777 |
| Content | 1 |
| Order amount | 50 |
| Customer item number | |

Notes

1.2 x 1.2mm solder pins allow nominal current up to 16A, enhancing stability of shorter headers Enclosed on each side, the pin housing design prevents mismatching Coding option available

Technical data

Miscellaneous

| | |
|------------------------------|----------------|
| No. of Poles | 16 |
| Color | orange |
| Ratings according to 1 | IEC/EN 60664-1 |
| Overvoltage category EN 1 | III |
| Pollution degree (1) | 2 |
| Rated voltage EN (1) [V] | 320 [V] |
| Rated surge voltage (1) [kV] | 4 [kV] |

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| Technical data | |
|--|---------------------------|
| Nominal current [A] | 12 [A] |
| Overvoltage category EN 2 | II |
| Degree of pollution (2) | 2 |
| Rated voltage EN (2) [V] | 630 [V] |
| Bemessungsstossspannung (2) [kV] | 4 [kV] |
| Nominal current (2) [A] | 12 [A] |
| Overvoltage category EN 3 | III |
| Degree of pollution (3) | 3 |
| Rated voltage EN (3) [V] | 320 [V] |
| Rated surge voltage (3) [kV] | 4 [kV] |
| Nominal current (3) [A] | 12 [A] |
| Solder pin length [mm] | 5 [mm] |
| Solder pin width A [mm] | 1 [mm] |
| Solder pin width B [mm] | 1 [mm] |
| Drilled hole diameter [mm] [mm] | 1.4 [mm] |
| Tolerance of drilled hole diameter [mm] [mm] | +0.1 [mm] |
| Material group | I |
| Insulating material | Polyamide 6.6 (PA 6.6) |
| Flammability rating per UL 94 | V0 |
| Lower limit temperature [C] | -60 [C] |
| Upper temperature limit [C] | 100 [C] |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load [MJ] | 0.094 [MJ] |
| Weight [g] | 5.2 [g] |
| Width [mm] | 84.48 [mm] |
| Width [in] | 3.326 [in] |
| Height [mm] | 12 [mm] |
| Height [in] | 0.472 [in] |
| Length [mm] | 8.4 [mm] |
| Length [in] | 0.331 [in] |
| Pin spacing from [mm] | 5.08 [mm] |
| Pin spacing up to [mm] | 5.08 [mm] |
| Pin spacing from [in] | 0.2 [in] |

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| | |
|------------------------|----------|
| Pin spacing up to [in] | 0.2 [in] |
|------------------------|----------|

Approbation

| Item No. | Registration | Registration no. | Voltage [V] | Current [A] | Cross section [mm ² , AWG] |
|-----------------|--------------|------------------|-------------|-------------|---------------------------------------|
| 231-346/001-000 | BV | 11915/A0 | 400 | 16 | 2,5 |
| 231-346/001-000 | CCA | 5764 | 250 | 12 | 1x1 |
| 231-346/001-000 | CSA | 154112-1466354 | 300 | 10 | |
| 231-346/001-000 | KEMA | 2083746.02 | 250 | 12 | 1x1 |
| 231-346/001-000 | KR | HMB05880-EL003 | 250/400 | 12/16 | 2,5 |
| 231-346/001-000 | UL | E45171 | 600 | 15 | |
| 231-346/001-000 | UL | E45172 | 300 | 10 | |

Accessories

Coding

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|--------------------------|-----------------------|
| 231-129 | Coding key; snap-on type | 100 |

Accessories

Counterpart

| Item no. | Description | Pack. unit (Sub Pack) |
|------------------|---|-----------------------|
| 2231-316/008-000 | Female connector; with snap-in mounting feet; 16-pole; with integrated push-buttons; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches; Plate thickness 0.6x1.2 mm | 25 |
| 2231-316/026-000 | Female connector; with integrated push-buttons; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 25 |
| 2231-316/031-000 | Female connector; with fixing flanges; 16-pole; with integrated push-buttons; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 25 |
| 2231-316/037-000 | Female connector; with locking levers; 16-pole; with integrated push-buttons; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 10 |
| 2231-316/102-000 | Female connector; with integrated end plate; 16-pole; with integrated push-buttons; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 25 |
| 2231-316/107-000 | Female connector; with screw flange; 16-pole; with integrated push-buttons; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 10 |
| 231-2316/026-000 | 2-conductor female connector; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 25 |
| 231-2316/037-000 | 2-conductor female connector; with locking levers; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches | 10 |
| 231-316/008-000 | Female connector; with snap-in mounting foot; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 locking latches; Plate thickness 0.6x1.2 mm; Fixing holes 3.5 mm Ø | 25 |
| 231-316/026-000 | Female connector; with coding finger; with latch | 25 |
| 231-316/027-000 | Female connector; with fixing flanges; with coding finger; with latch; with reinforcing strips | 10 |
| 231-316/031-000 | Female connector; with fixing flanges; with coding finger; with latch | 10 |
| 231-316/037-000 | Female connector; with locking levers; with coding finger; with latch | 10 |
| 231-316/102-000 | Female connector; with integrated end plate; with coding finger; with latch | 25 |
| 231-316/107-000 | Female connector; with screw flange; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 locking latches | 25 |
| 232-176 | Female connector; with straight solder pins; 16-pole; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Vertical PCB mounting; with 2 locking latches | 25 |
| 232-176/031-000 | Female connector; with straight solder pins; 16-pole; with feedthrough flanges; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Vertical PCB mounting | 10 |
| 232-176/039-000 | Female connector; with straight solder pins; 16-pole; with locking levers; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Vertical PCB mounting | 10 |
| 232-276 | Female connector; with angled solder pins; 16-pole; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Horizontal PCB mounting; with 2 locking latches | 25 |

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Accessories

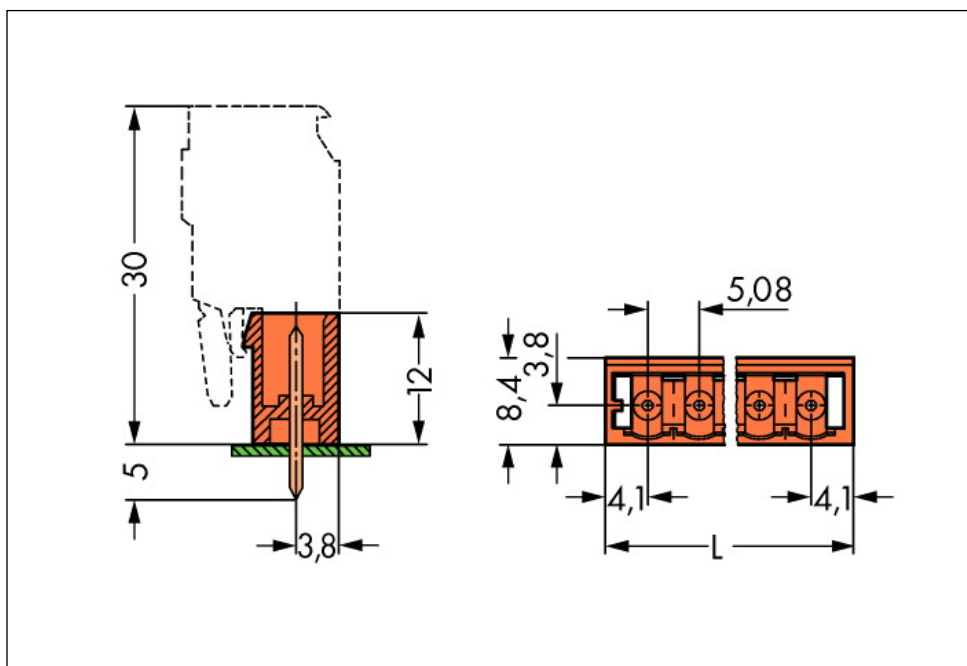
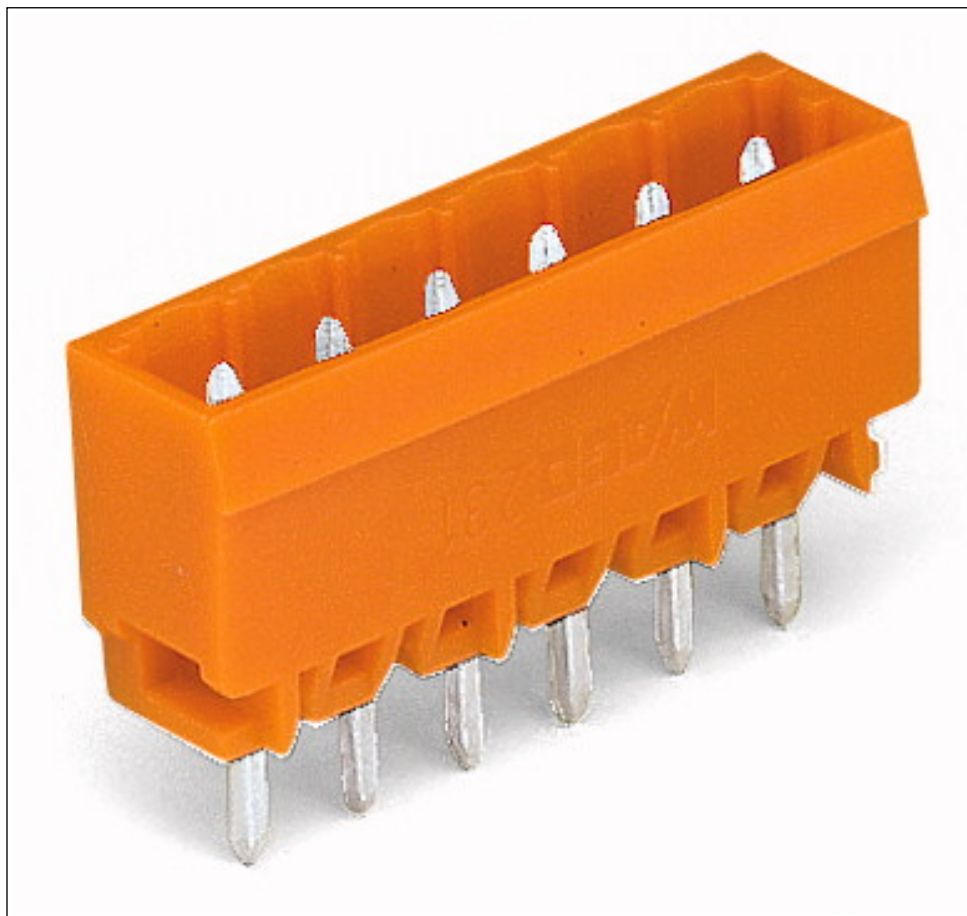
| | | |
|-----------------|---|----|
| 232-276/031-000 | Female connector; with angled solder pins; 16-pole; with feedthrough flanges; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Horizontal PCB mounting | 10 |
| 232-276/039-000 | Female connector; with angled solder pins; 16-pole; with locking levers; pin spacing 5.08 mm / 0.2 in; solder pin 0.6x1 mm; codable; Horizontal PCB mounting | 10 |
| 232-316/026-000 | Angled female connector; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 locking latches; Conductor exit opposite to latches | 25 |
| 232-416/026-000 | Angled female connector; 16-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 locking latches; conductor exit same direction as latches | 25 |

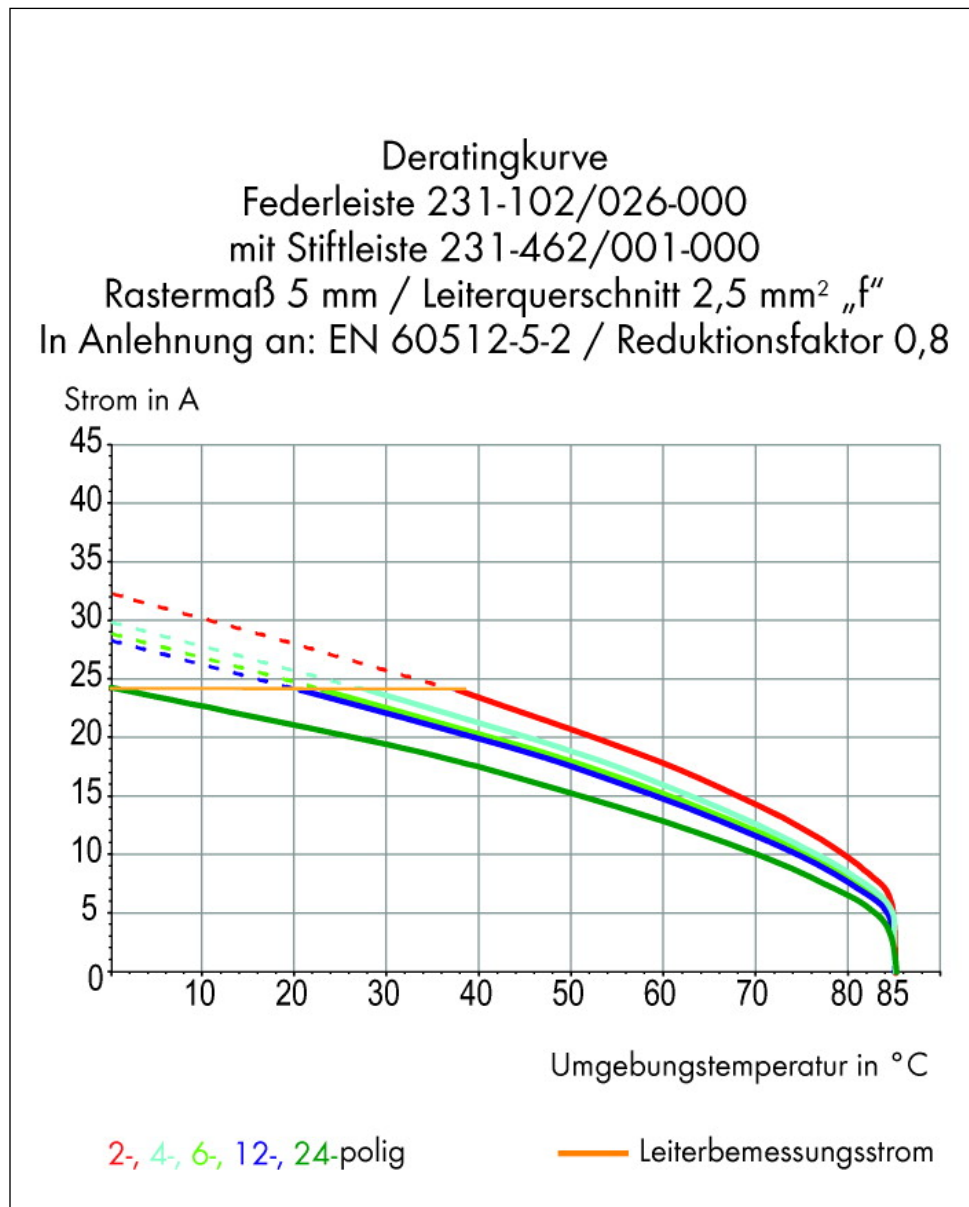
General accessory

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|---|-----------------------|
| 210-657 | Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; suitable for 260, 261, 262, 264, 270, 280, 281, 869, 870 and 880 Series | 1 |
| 210-658 | Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; angled; particularly suitable for 280 Series actuator and sensor terminal blocks and also for Series 260, 261, 262, 264, 280, 281, 869, 870, 880, 2002, | 1 |
| 210-720 | Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series | 1 |
| 231-500 | Spacer; for formation of groups | 100 |

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Images & drawings





Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

<http://www.wago.com>

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Technische Änderungen und Irrtümer vorbehalten.