

Printview: Female connector; with snap-in mounting foot; 5-pole; pin spacing 5 mm / 0.197 in; codable; with 2 locking latches; Plate thickness 0.6x1.2 mm; Fixing holes 3.5 mm Ø - Item No.: 231-105/008-000

WAGO® online catalog / eShop

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Marking

RoHS ✓
Compliant

Business data

| | |
|----------------------|-----------------|
| Supplier | WAGO |
| Item no. | 231-105/008-000 |
| EAN | 4044918338783 |
| Content | 1 |
| Order amount | 100 |
| Customer item number | |

Notes

Universal connection for all conductor types
Easy cable pre-assembly and on-unit wiring via vertical and horizontal
CAGE CLAMP® actuation
Integrated test ports
Coding option available

Technical data

Miscellaneous

| | |
|-----------------------------------|----------------|
| No. of Poles | 5 |
| Total number of connection points | 5 |
| Total number of potentials | 5 |
| Color | gray |
| Ratings according to 1 | IEC/EN 60664-1 |
| Overvoltage category EN 1 | III |

| Technical data | |
|----------------------------------|--|
| Pollution degree (1) | 2 |
| Rated voltage EN (1) [V] | 320 [V] |
| Rated surge voltage (1) [kV] | 4 [kV] |
| Nominal current [A] | 16 [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] | 16 [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] | 16 [A] |
| Connection technology (1) | CAGE CLAMP® |
| Conductor type (1) | solid |
| Cross section from (1) [mm²] | 0.08 [mm²] |
| Cross section up to (1) [mm²] | 2.5 [mm²] |
| Cross section from (1) [AWG] | 28 [AWG] |
| Cross section up to (1) [AWG] | 12 [AWG] |
| Conductor type (2) | fine-stranded |
| Cross section from (2) [mm²] | 0.08 [mm²] |
| Cross section up to (2) [mm²] | 2.5 [mm²] |
| Conductor type (3) | fine-stranded (with insulated ferrule) |
| Cross section from (3) [mm²] | 0.25 [mm²] |
| Cross section up to (3) [mm²] | 1.5 [mm²] |
| Conductor type (4) | fine-stranded (with uninsulated ferrule) |
| Cross section from (4) [mm²] | 0.25 [mm²] |
| Cross section up to (4) [mm²] | 2.5 [mm²] |
| Stripped length from (1) [mm] | 8 [mm] |
| Stripped length up to (1) [mm] | 9 [mm] |
| Strip length from [inch] [in] | 0.31 [in] |
| Strip length up to [inch] [in] | 0.35 [in] |
| Stripped length (1) [in] | 0.33 [in] |

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| Technical data | |
|-------------------------------|-----------------------------------|
| 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] | 85 [C] |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Copper alloy |
| Contact plating | tin-plated |
| Fire load [MJ] | 0.136 [MJ] |
| Weight [g] | 9.27 [g] |
| Width [mm] | 26.5 [mm] |
| Width [in] | 1.043 [in] |
| Height [mm] | 14.3 [mm] |
| Height [in] | 0.563 [in] |
| Length [mm] | 26.5 [mm] |
| Length [in] | 1.043 [in] |
| Pin spacing from [mm] | 5 [mm] |
| Pin spacing up to [mm] | 5 [mm] |
| Pin spacing from [in] | 0.197 [in] |
| Pin spacing up to [in] | 0.2 [in] |

| Approbation | | | | | |
|-----------------|--------------|-------------------|-------------|-------------|--------------------------|
| Item No. | Registration | Registration no. | Voltage [V] | Current [A] | Cross section [mm², AWG] |
| 231-105/008-000 | ABS | 04-HG469925/1-PDA | 400 | 16 | 5,0 |
| 231-105/008-000 | BV | 11915/A0 | 400 | 16 | 2,5 |
| 231-105/008-000 | CCA | 2160224.01 | 250 | 16 | 0.08-2.50 |
| 231-105/008-000 | CCA | 5764 | 250 | 16 | 0,08-2,5 |
| 231-105/008-000 | CSA | 154112-1466354 | 300 | 15 | 22-12 |
| 231-105/008-000 | GL | 17296-00HH | 400 | 16 | 5,0 |
| 231-105/008-000 | KEMA | 2083746.02 | 250 | 16 | 0,08-2,5 |
| 231-105/008-000 | KR | HMB05880-EL003 | 250/400 | 12/16 | 2,5 |
| 231-105/008-000 | LR | 96/20035 | 400 | 16 | 5,0 |

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Approbation

| | | | | | |
|-----------------|-----|----------|-----|----|-------|
| 231-105/008-000 | RMR | 11130002 | 400 | 16 | 5,0 |
| 231-105/008-000 | UL | E45171 | 600 | 15 | 28-12 |
| 231-105/008-000 | UL | E45172 | 300 | 15 | 22-12 |

Accessories

Insulation stop

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|---|-----------------------|
| 231-670 | Insulation stop; 0.08-0.2 mm ² / 0.2 mm ² "s" | 200 |
| 231-671 | Insulation stop; 0.25 - 0.5 mm ² | 25 |
| 231-672 | Insulation stop; 0.75 - 1 mm ² | 25 |

Jumper

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|--|-----------------------|
| 231-902 | Comb-style jumper bar; for 5 mm and 5.08 mm pin spacing; reduces conductor size to 1.5 mm ² | 25 |
| 231-903 | Comb-style jumper bar; 3-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated | 25 |
| 231-905 | Comb-style jumper bar; 5-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated | 25 |
| 231-907 | Comb-style jumper bar; 7-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated | 25 |
| 231-910 | Comb-style jumper bar; 10-way; suitable for 231 Series female connectors; with 5 mm pin spacing; insulated | 25 |

Strain relief

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|--|-----------------------|
| 232-605 | Snap-on type strain relief housing; consists of strain relief support and housing; 5-pole; suitable for 5 mm pin spacing | 25 |

Finger guard

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|--|-----------------------|
| 231-668 | Lockout caps; for covering unused clamping units | 100 |

Accessories

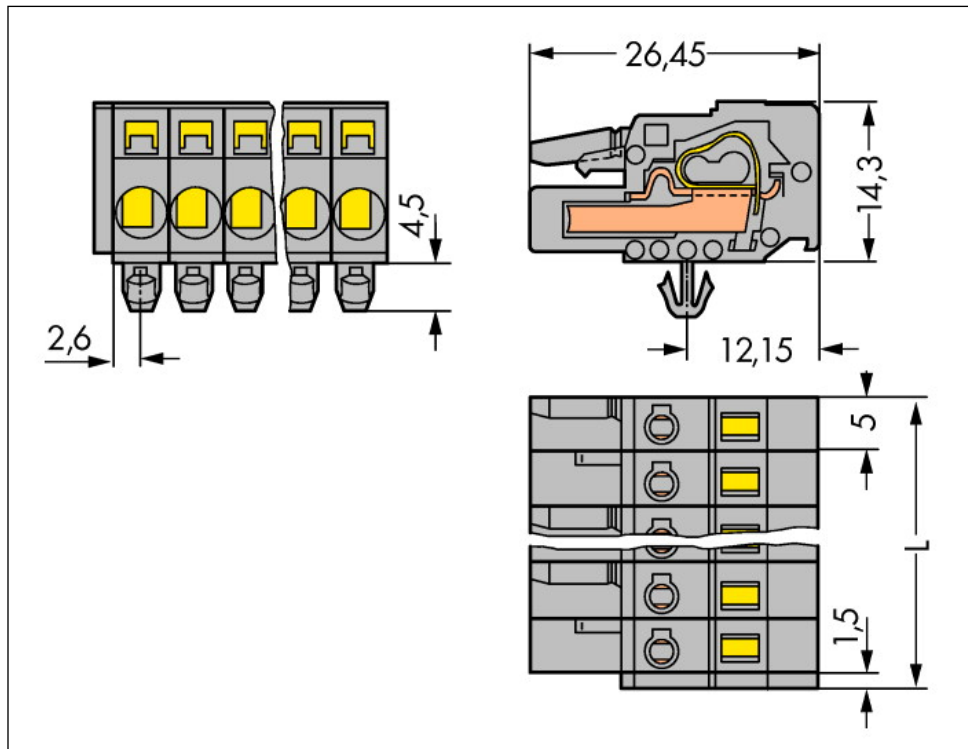
General accessory

| Item no. | Description | Pack. unit (Sub Pack) |
|----------|---|-----------------------|
| 209-132 | Operating tool; for connecting comb-style jumper bar; 2-way; of insulating material | 1 |
| 210-136 | Test plug; 2 mm Ø; with 500 mm cable | 1 |
| 210-137 | Test plug; 2.3 mm Ø; with 500 mm cable | 1 |
| 210-199 | Stickers for operating instructions; for multi connection system | 100 |
| 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 |
| 231-131 | Push-button; for female and male connectors; loose | 25 |
| 231-159 | Operating tool; for male and female connectors with CAGE CLAMP®; of Series 231, 232, 721, 722, 723, 731, 732 | 25 |
| 231-231 | Combination operating tool; for male and female connectors with CAGE CLAMP® | 25 |
| 231-291 | Operating tool; for male and female connectors with CAGE CLAMP®; loose | 25 |
| 231-661 | Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing | 25 |

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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.