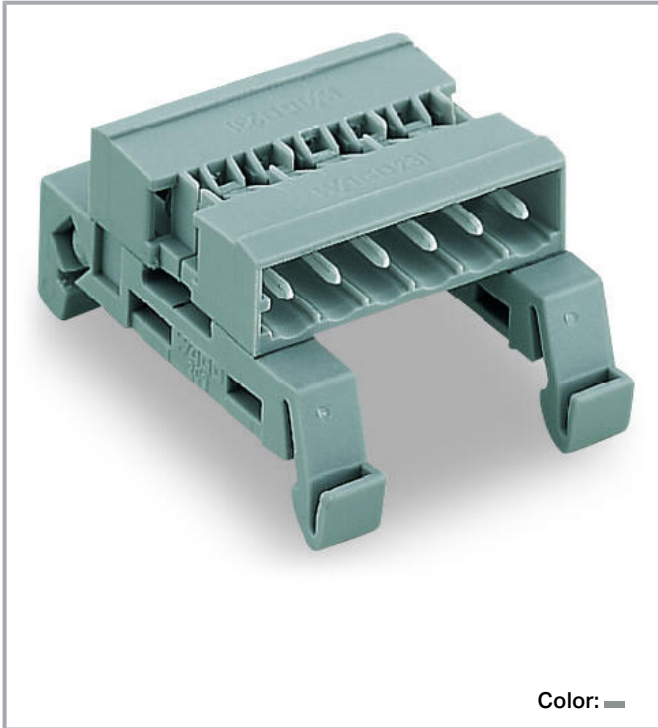


Data sheet | Item number: 232-506/007-000

Double pin header; DIN-35 rail mounting; 6-pole; Pin spacing 5 mm; gray

www.wago.com/232-506/007-000



Color: 

Dimensions in mm

Total length = (pole no. - 1) x pin spacing + 8.2 mm

Item description

- Allow MCS Female Connectors fitted with wire harness or cable assembly to be plugged together
- Adapter for DIN-35 rail mounting
- Coding via coding keys on both sides

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Notes

Safety information 1

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected /disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Variants:

Other pole numbers

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>

Electrical data

| | |
|---------------------------------|----------------------------------------------------------------------|
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 15 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A |
| Ratings per | IEC/EN 60664-1 |
| Ratings (note) | Notice: Male connectors must not be live when disconnected! |
| Nominal voltage (III/3) | 250 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 | 12 A |
| Legend (ratings) | (III / 2) \triangleq Overvoltage category III / Pollution degree 2 |
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 15 A |
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A |

Subject to changes. Please also observe the further product documentation!

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Connection data

| | |
|----------------------------|---|
| Total number of potentials | 6 |
| Number of connection types | 1 |
| Number of levels | 1 |
| Pole No. | 6 |

Physical data

| | |
|------------------------------------|----------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 33.2 mm / 1.307 inch |
| Height from upper-edge of DIN-rail | 15 mm / 0.591 inch |
| Depth | 42.5 mm / 1.673 inch |

Mechanical data

| | |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

Plug-in connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type) | for pluggable connector |
| Mismating protection | No |
| Locking of plug-in connection | Without |

Material data

| | |
|-----------------------------|----------------------------------------|
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0.162 MJ |
| Weight | 7.2 g |

Environmental requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

Subject to changes. Please also observe the further product documentation!

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Commercial data



| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| PU (SPU) | 50 Stück |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4045454339364 |
| Customs tariff number | 85366990990 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|-----------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------|
| | CB DEKRA Certification B.V. | IEC 61984 | NL-39756 |
|  | CSA DEKRA Certification B.V. | C22.2 | 1466354 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 2190761.01 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|-------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|---------------------------|
|  | ABS American Bureau of Shipping | - | 19- HG15869876- PDA |
|  | BV Bureau Veritas S.A. | IEC 60998 | 11915/D0 BV |
| | DNV GL Det Norske Veritas, Germanischer Lloyd | EN 60998 | TAE000016Z |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---------------------------------------------|--------------------------|------------------|
| | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Subject to changes. Please also observe the further product documentation!



UR

UL 1977

E45171



Underwriters Laboratories Inc.

Counterpart



Item no. 231-106/026-000

1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; 2,50 mm²; graywww.wago.com/231-106/026-000

Optional accessories

Carrier rail

Mounting accessories



Item no.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

www.wago.com/210-197

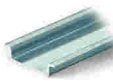
Item no.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

www.wago.com/210-198

Item no.: 210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-504

Item no.: 210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-505

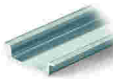
Item no.: 210-506

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-506

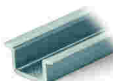
Item no.: 210-508

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-508

Item no.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-113

Item no.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-118

Item no.: 210-112

Subject to changes. Please also observe the further product documentation!

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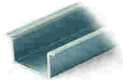
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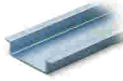
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; www.wago.com/210-112 silver-colored



Item no.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-114



Item no.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115 silver-colored



Item no.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Coding

Coding



Item no.: 231-129
Coding key; snap-on type; light gray www.wago.com/231-129

Downloads

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf 2.0 MB | Download |
|------------------------|-------------|---------------|----------|

CAD/CAE-Data

CAE data

| | | |
|-----------------------------------|-----|----------|
| EPLAN Data Portal 232-506/007-000 | URL | Download |
| ZUKEN Portal 232-506/007-000 | URL | Download |
| EPLAN Data Portal 232-506/007-000 | URL | Download |

CAD data

| | | |
|------------------------------|-----|----------|
| 2D/3D Models 232-506/007-000 | URL | Download |
|------------------------------|-----|----------|

Environmental Product Compliance

Compliance Search

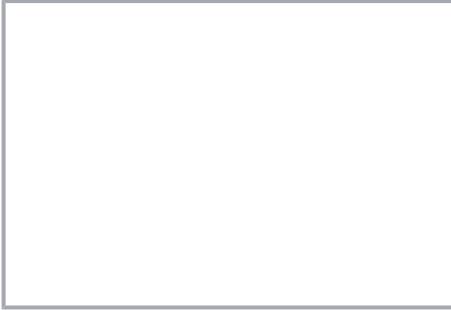
| | | |
|--------------------------------------------------|-----|----------|
| Environmental Product Compliance 232-506/007-000 | URL | Download |
|--------------------------------------------------|-----|----------|

Subject to changes. Please also observe the further product documentation!

Double pin header; DIN-35 rail mounting; 6-pole; Pin spacing 5 mm; gray

Installation Notes

Application



Angled female connector – straight female connector

Product family

MCS MIDI Classic

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!
