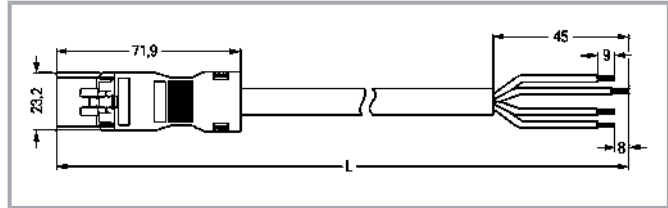


Data sheet | Item number: 891-8994/206-102

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A;
H05VV-F 4G 1.5 mm²; 1 m; 1,50 mm²; white

www.wago.com/891-8994_206-102



Item description

Cable assembly **WAGTA®** MINI 4-pole

For signal and power transmission: The **WAGTA®** MINI cable assembly 4-pole. WAGO pluggable installation connectors can be used when specifications repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Standard mains applications for almost any domain of use can be implemented with **WAGTA®** MINI pluggable installation connectors with A coding. **WAGTA®** MINI follows the trend towards miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology. According to the European CPR, the fire class of the cables used for construction is critical for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. **WAGTA®** is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the **WAGTA®** MINI pluggable installation connector with fire class E from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in a large number of general mains applications
- ready for immediate use
- convenient installation and commissioning

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

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



Data Notes

| | |
|------|---|
| Note | Cables with a different fire class can be found in the eShop. |
|------|---|

Electrical data

| | |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |
|----------------------------|--|

IEC Approvals

| | |
|-------------------------------|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 400 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Ratings per UL

| | |
|------------------------|---|
| Note for the US market | Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office. |
|------------------------|---|

Connection data

| | |
|----------------------------|---------------------------|
| Total number of potentials | 4 |
| PE function | Preceding PE contact |
| Conductor preparation | ultrasonically tip-bonded |

Connection 1

| | |
|---------------------------------|---------------------|
| Strip length | 9 mm / 0.35 inch |
| Number of poles | 4 |
| Sheathed cable diameter | 8.4 ... 10.5 mm |
| Wire cross-section | 1.5 mm ² |
| Strip length (outer insulation) | 45 mm |
| Connection type | Plug - Free end |

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

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Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 1 m |

Mechanical data

| | |
|---|---|
| Application | General mains applications |
| Coding | A |
| Variable coding | No |
| Marking | N ∇ 2/L 1/L' |
| Potential Marking | N ∇ 2/L 1/L' |
| Mating force of a plug-in connection | approx. 20 ... 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 ... 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load |
| Connection type | Plug - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | H05VV-F 4G1.5 |
| Protection type | IP20; IP40 when mated |

Plug-in connection

| | |
|-------------------------------|---|
| Mismating protection | Yes |
| Note on mismating protection | All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole |
| Locking lever | Can be retrofitted |
| Locking of plug-in connection | locking lever |

Material data

| | |
|-------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | white |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |

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

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| | |
|----------------------------------|------------|
| Fire load | 29.759 MJ |
| Connector color | white |
| Printing color of mating face | black |
| Strain relief color | white |
| Sheathed cable color | white |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Sheath material | PVC |
| Weight | 140.4 g |
| Copper weight of the pipe | 0.058 kg/m |

Environmental requirements



| | |
|--|---|
| Processing temperature | -5 ... +40 °C |
| Continuous operating temperature | -35 ... +85 °C |
| Note on continuous operating temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-------------------------------------|---------------|
| PU (SPU) | 1 Stück |
| Packaging type | unpacked |
| Country of origin VKOrg Germany | PL |
| GTIN | 4055143404334 |
| Customs tariff number VKOrg Germany | 85444290900 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 61535 | NTR NL-7823 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61535 | 71-112995 |

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

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Counterpart

| | |
|--|--|
| Item no.890-124 Socket; with strain relief housing; 4-pole; Cod. A; 1,50 mm ² ; white | www.wago.com/890-124 |
| Item no.890-224 Socket; 4-pole; Cod. A; 1,50 mm ² ; white | www.wago.com/890-224 |
| Item no.890-676 T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; white | www.wago.com/890-676 |
| Item no.890-677 T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; white | www.wago.com/890-677 |
| Item no.890-724 WINSTA® through-panel socket (female); MINI; snap-in; 1/2/3/4 marking; 4-pole; white | www.wago.com/890-724 |
| Item no.890-824 Socket for PCBs; straight; 4-pole; Cod. A; white | www.wago.com/890-824 |
| Item no.890-824/011-000 Socket for PCBs; angled; 4-pole; Cod. A; white | www.wago.com/890-824/011-000 |
| Item no.890-995 h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; white | www.wago.com/890-995 |
| Item no.890-994 h-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; white | www.wago.com/890-994 |

Required accessories

Locking levers

| | |
|--|--|
| Locking system | |
| Item no.: 890-111 Locking lever; for flying leads; for tool operation; black | www.wago.com/890-111 |
| Item no.: 890-101 Locking lever; for manual operation; black | www.wago.com/890-101 |
| Item no.: 890-121 Locking lever; for manual operation; white | www.wago.com/890-121 |
| Item no.: 890-131 Locking lever; for flying leads; for tool operation; white | www.wago.com/890-131 |

Optional accessories

Mounting

| | |
|---|--|
| Mounting accessories | |
| Item no.: 890-310 Mounting carrier; 2- to 5-pole; for flying leads; black | www.wago.com/890-310 |
| Item no.: 890-311 Mounting carrier; 2- to 5-pole; for flying leads; white | www.wago.com/890-311 |

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



Cover

Other



Item no.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|----------------|----------|
| 891-8994/206-102 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
| 891-8994/206-102 doc - Datei | 2014 Dec 1 | doc 25.6 kB | Download |

CAD files

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 891-8994/206-102 | URL | Download |
| WSCAD Universe 891-8994/206-102 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 891-8994/206-102 pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; white | URL | Download |
|--|-----|----------|

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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