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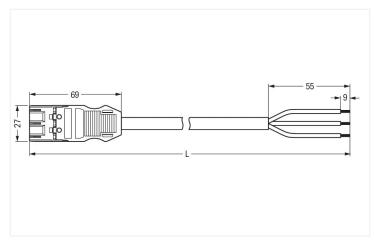
pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; H05VV-F 3

x 1.5 mm²; 2 m; 1,50 mm²; light green

https://www.wago.com/771-9993/206-205







Color: Iight green

Dimensions in mm

Cable assembly WINSTA® MIDI rated current 16 A

The WINSTA® MIDI cable assembly 3-pole is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in seconds. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Pluggable installation connectors with B coding from the WINSTA® MIDI line are available in pink, light green, or gray, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible, too. Our WINSTA® MIDI product line guarantees flexibility for the electrical installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers flexibility for meeting all installation requirements. According to the European CPR, the fire class of the cables used in construction is critical for building safety, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are provided. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MIDI pluggable installation connectors with fire class E from WAGO.

- pluggable installation connectors with protection against mismating
- for automation controllers
- · with B coding for use in automation of processes, such as lighting technology, for instance
- ready to install and use immediately
- · rapid, structured electrical installation

| Notes | |
|-----------|--|
| Note | Cables with a different fire class can be found in the eShop. |
| Variants: | Other pole markings Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |



| Electrical data | | | | |
|----------------------|-------|-----------|----|--|
| Ratings per | IEC | /EN 60664 | -1 | |
| Overvoltage category | III | III | II | |
| Pollution degree | 3 | 2 | 2 | |
| Nominal voltage | 250 V | - | - | |
| Rated surge voltage | 4 kV | - | - | |
| Rated current | 16 A | - | - | |

| Ratings per UL 1977 | |
|------------------------|--|
| 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 16 A and voltages up to 600 V. For further information, please contact your local sales office. |

| General information | |
|----------------------------|--|
| Note on contact resistance | approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/ socket |

| Connection data | | | |
|---|---------------------------------|--------------------|-----------------|
| Total number of potentials | 3 | Connection 1 | |
| Conductor preparation ultrasonically tip-bonded | Strip length | 9 mm / 0.35 inches | |
| | Pole number | 3 | |
| | Sheathed cable diameter | 7.4 9.4 mm | |
| | Wire cross-section | 1.5 mm² | |
| | Strip length (outer insulation) | 55 mm | |
| | | Connection type | Plug - free end |

| Physical data | | |
|---------------|----------------------|--|
| Pin spacing | 10 mm / 0.394 inches | |
| Width | 27 mm / 1.063 inches | |
| Total length | 2 m | |

| Control technology |
|---|
| В |
| Yes |
| 123 |
| 123 |
| approx. 20 70 N (depending on pole number) |
| when locked: > 80N |
| when unlocked: approx. 20 70 N (depending on pole number) |
| 200, without resistive load |
| Plug - free end |
| Connecting cable |
| Control line 3 x 1.5 |
| IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |
| |

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| 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 |
| Note on locking system | All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket). |

| M | |
|----------------------------------|--|
| Material data | |
| Note (material data) | Information on material specifications can be found here |
| Color | light green |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E_ca |
| Contact material | Copper or copper alloy; surface-treated |
| Contact plating | Tin |
| Fire load | 0.328 MJ |
| Connector color | light green |
| Strain relief color | black |
| Printing color of strain relief | white |
| Sheathed cable color | gray |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 208 g |
| Copper weight of the pipe | 0.043 kg/m |

| Environmental requirements | |
|--|--|
| Processing temperature | -5 +40 °C |
| Continuous operating temperature | -35 +85 °C |
| Note on continuous operating temperature | Cable for temperatures \leq 70 °C (including halogen-free) Insulating parts for temperatures \leq 105 °C |

| Commercial data | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 8.0 | EC002587 |
| ETIM 7.0 | EC002587 |
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143460934 |
| Customs tariff number | 85444290900 |

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Environmental Product Compliance

RoHS Compliance Status Compliant,No Exemption

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA DEKRA Certification B.V. | EN 61535 | NTR NL-7355 |
| KEMA/KEUR DEKRA Certification B.V. | EN 61535 | 71-123834 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
771-9993/206-205

Documentation

| Documentation | | | |
|------------------|------------|-----------------|--------------------------|
| Bid Text | | | |
| 771-9993/206-205 | 19.02.2019 | xml 3.01 KB | $\overline{\downarrow}$ |
| 771-9993/206-205 | 02.06.2015 | doc 27.50 KB | $\underline{\downarrow}$ |

CAD/CAE-Data

| CAE data | |
|---------------------------------------|--------------------------|
| EPLAN Data Portal 771-9993/206-205 | $\underline{\downarrow}$ |

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1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

Item No.: 770-101

operation; black

1.1.1.1 Locking system



Locking lever; for flying leads; for manual

Item No.: 770-121

Locking lever; for flying leads; for manual operation; white

Item No.: 770-111 Locking lever; for flying leads; for tool operation; black Item No.: 770-131

Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover





Item No.: 770-360

Lockout cap; for plugs; 5-pole; separable; yellow

Item No.: 897-2003

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

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 770-310

Mounting carrier; 2- to 5-pole; for flying leads; black

1.2.3 Marking

1.2.3.1 Marker











Item No.: 770-450/000-006

Marker card; Plastic; blue

'F

 Item No.: 770-450/000-001
 Item No.: 770-450/000-012

 Marker card; Plastic; green
 Marker card; Plastic; orange

Item No.: 770-450/000-005 Marker card; Plastic; red

9



Item No.: 770-450

Marker card; Plastic; white

Item No.: 770-450/000-002 Marker card; Plastic; yellow

1.2.3.2 Marking strip



Item No.: 210-334

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white

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

Current addresses can be found at:: $\underline{www.wago.com}$

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