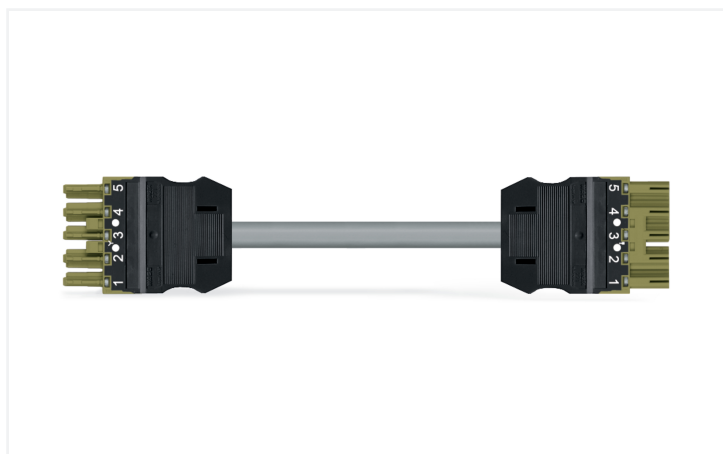


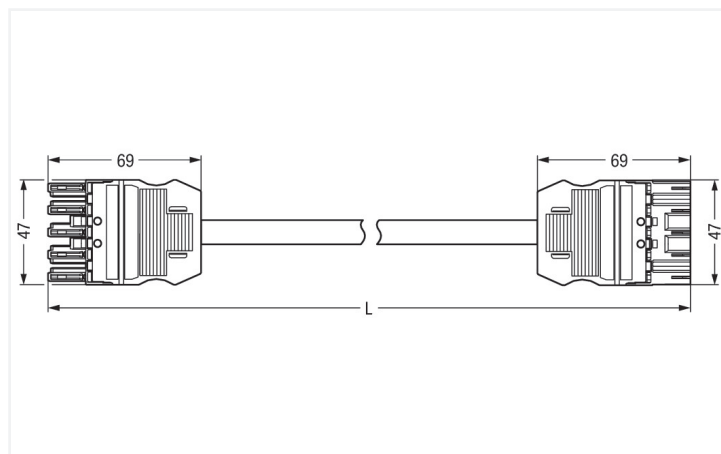
Data Sheet | Item Number: 771-9995/006-605

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; (H)05VV-F
5x1,5 mm²; 6 m; 1,50 mm²; light green

<https://www.wago.com/771-9995/006-605>



Color: ■ light green



Dimensions in mm

Cable assembly WINSTA® MIDI B coding

The WINSTA® MIDI cable assembly with protection type IP20 provides the foundation for assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors are useful when criteria repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. 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!)). Solutions like the WINSTA® MIDI pluggable installation connectors with B coding are suitable for applications involving process control, such as for lighting or within data networks. WINSTA® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in can be found in a variety of projects you can use for quick, easy, secure, tailored installation. According to the European CPR, the fire class of the cables used for construction is essential for building safety as well. For buildings with average 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 socket and a plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with marking from WAGO makes the installation of electrical components noticeably easier.

- protection against mismatching eliminates errors
- simple circuits
- for automation controllers
- custom-engineered solutions
- fast, secure 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 | | | General information | |
|---------------------------------|----------------|-----|----|----------------------------|--|
| Overvoltage category | III | III | II | Note on contact resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket |
| Pollution degree | 3 | 2 | 2 | | |
| Nominal voltage | 400 V | - | - | | |
| Rated impulse withstand voltage | 6 kV | - | - | | |
| Rated current | 16 A | - | - | | |

Connection Data

| | | | |
|----------------------------|---|---------------------|---------------------|
| Total number of potentials | 5 | Connection 1 | |
| | | Pole number | 5 |
| | | Wire cross-section | 1.5 mm ² |
| | | Connection type | Socket - Plug |

Physical data

| | |
|--------------|----------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 47 mm / 1.85 inches |
| Total length | 6 m |

Mechanical data

| | |
|---|---|
| Use | Control technology |
| Coding | B |
| Variable coding | Yes |
| Marking | 1 2 3 4 5 |
| Potential marking | 1 2 3 4 5 |
| 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 | Socket - Plug |
| Type of pre-assembled cable | Interconnecting cable |
| Cable type | H05VV-F 5x1.5 |
| Protection type | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

Plug-in connection

| | |
|-------------------------------|--|
| Mismating protection | Yes |
| Note on mismating protection | All <i>WINSTA</i> ® 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). |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | light green |
| Insulation material (main housing) | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 1.126 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 | 1023.9 g |
| Copper weight of the raw cable | 0.072 kg/m |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4055143447515 |
| Customs tariff number | 85444290900 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 26121629 |
| eCl@ss 10.0 | 27-44-06-04 |
| eCl@ss 9.0 | 27-44-06-04 |
| ETIM 9.0 | EC002587 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |

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 771-9995/006-605 | ↓ |

Documentation

| Bid Text | | | |
|------------------|------------|-----------------|-------------------|
| 771-9995/006-605 | 19.02.2019 | xml 2.93 KB | ↓ |
| 771-9995/006-605 | 05.06.2015 | doc 26.00 KB | ↓ |

CAD/CAE-Data

| CAE data | |
|---------------------------------------|-------------------|
| EPLAN Data Portal 771-9995/006-605 | ↓ |

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

| | | | |
|--|--|--|--|
| | | | |
| <p>Item No.: 770-101 Locking lever; for flying leads; for manual operation; black</p> | <p>Item No.: 770-121 Locking lever; for flying leads; for manual operation; white</p> | <p>Item No.: 770-111 Locking lever; for flying leads; for tool operation; black</p> | <p>Item No.: 770-131 Locking lever; for flying leads; for tool operation; white</p> |

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover



Item No.: 770-201

Lockout cap; 12-pole, separable; for sockets; Plastic; black



Item No.: 770-221

Lockout cap; 12-pole, separable; for sockets; Plastic; white



Item No.: 770-360

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



Item No.: 897-2005

Protective cap; Type4; 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



Item No.: 770-450/000-001

Marker card; Plastic; green



Item No.: 770-450/000-012

Marker card; Plastic; orange



Item No.: 770-450/000-005

Marker card; Plastic; red



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