#### Data Sheet | Item Number: 771-9993/106-605

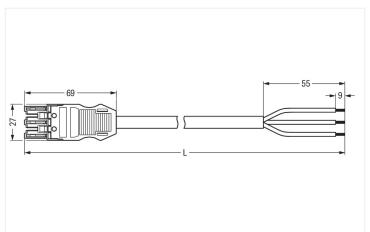
pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. B; H05VV-

F 3 x 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; light green

https://www.wago.com/771-9993/106-605







Color: ■ light green

Dimensions in mm

#### Cable assembly WINSTA® MIDI with strain relief

The WINSTA® MIDI cable assembly 3-pole supports rapid, correct installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to various requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free 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 related to process control, for example, for lighting or within data networks. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the integrated test slot, it is possible to check connections even when they are plugged in. That saves time and reduces installation labor and costs. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

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

The cable assembly is provided with a socket and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors at the construction site. Now you can also cut installation costs without compromising safety and quality: The WINSTA® MIDI pluggable installation connector with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- for automation controllers
- · for automation controllers
- exact dimensions
- convenient installation and commissioning

| 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   | C/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 $\Omega$ of contact resistance approx. 0.25 m $\Omega$ 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 mm <sup>2</sup> |                   |
|   | Strip length (outer insulation) | 55 mm               |                   |
|   |                                 | Connection type     | Socket - free end |

| Physical data |                      |  |
|---------------|----------------------|--|
| Pin spacing   | 10 mm / 0.394 inches |  |
| Width         | 27 mm / 1.063 inches |  |
| Total length  | 6 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   |
| Socket - 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 devi-<br>ces, all types of PCB and distribution connectors) are factory-equipped with locking le-<br>vers to ensure plugs and sockets are securely locked. Additional locking levers are only<br>required for flying leads (plug/socket). |

| Material data                    |  |
|----------------------------------|--|
| Note (material data)             | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| 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                        | 0.29 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                           | 604.1 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                  | 4055143459594 |
| 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<br>DEKRA Certification B.V.       | EN 61535 | NTR NL-7355      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535 | 71-123834        |

#### Downloads

#### **Environmental Product Compliance**

Compliance Search
Environmental Product
Compliance
771-9993/106-605

# Documentation

| Documentation    |            |                 |                          |
|------------------|------------|-----------------|--------------------------|
| Bid Text         |            |                 |                          |
| 771-9993/106-605 | 19.02.2019 | xml<br>3.01 KB  | <u>↓</u>                 |
| 771-9993/106-605 | 02.06.2015 | doc<br>27.50 KB | $\underline{\downarrow}$ |

# CAD/CAE-Data

| CAE data                              |          |
|---------------------------------------|----------|
| EPLAN Data Portal<br>771-9993/106-605 | <u>↓</u> |

# Data Sheet | Item Number: 771-9993/106-605

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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.: 770-201

sockets; Plastic; black



Lockout cap; 12-pole, separable; for

Item No.: 770-221

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



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

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

8

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:: www.wago.com

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