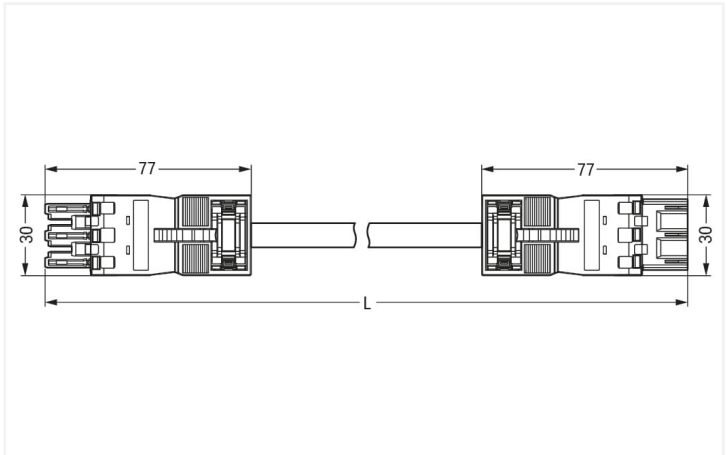




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MIDI A coding

The WINSTA® MIDI cable assembly rated current 16 A allows installation of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow flexible, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. General mains applications for almost any domain of use can be implemented with WINSTA® MIDI pluggable installation connectors with A coding. Our WINSTA® MIDI product line achieves flexibility for the installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers customization for meeting all installation requirements. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory 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 is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP2XD from WAGO.

- effective protection against mismating
- pre-assembled versions
- with A coding for a large number of uses
- custom-engineered solutions
- fast, secure installation

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

| Electrical data      |       |                |     |    | General information                             |  |
|----------------------|-------|----------------|-----|----|-------------------------------------------------|--|
| Ratings per          |       | IEC/EN 60664-1 |     |    | Note on contact resistance                      |  |
| Overvoltage category |       | III            | III | II | approx. 1 mΩ of contact resistance              |  |
| Pollution degree     |       | 3              | 2   | 2  | approx. 0.25 mΩ contact transition plug/ socket |  |
| Nominal voltage      | 250 V | -              | -   | -  |                                                 |  |
| Rated surge voltage  | 4 kV  | -              | -   | -  |                                                 |  |
| Rated current        | 16 A  | -              | -   | -  |                                                 |  |



Connection data

|                            |                      |                         |                |
|----------------------------|----------------------|-------------------------|----------------|
| Total number of potentials | 3                    | Connection 1            |                |
| PE function                | Preceding PE contact | Pole number             | 3              |
|                            |                      | Sheathed cable diameter | 7.4 ... 9.4 mm |
|                            |                      | Wire cross-section      | 1.5 mm²        |
|                            |                      | Connection type         | Socket - Plug  |

Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 10 mm / 0.394 inches   |
| Width        | 30 mm / 1.181 inches   |
| Height       | 12.9 mm / 0.508 inches |
| Total length | 4 m                    |

Mechanical data

|                                         |                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Use                                     | General mains applications                                                                                     |
| Coding                                  | A                                                                                                              |
| Variable coding                         | Yes                                                                                                            |
| Marking                                 | L N                                                                                                            |
| Potential marking                       | L N                                                                                                            |
| 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 3G1.5                                                                                                  |
| Protection type                         | IP2XD; 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:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>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)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | black                                                                    |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Fire class per EN 50575            | E <sub>ca</sub>                                                          |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 120.027 MJ                                                               |
| Connector color                    | black                                                                    |
| Strain relief color                | black                                                                    |
| Sheathed cable color               | black                                                                    |



| Material data                    |  |            |
|----------------------------------|--|------------|
| Printing color of sheathed cable |  | white      |
| Halogen-free                     |  | No         |
| Silicon-free                     |  | Yes        |
| Sheath material                  |  | PVC        |
| Rubber cable                     |  | No         |
| Weight                           |  | 427 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 ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 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                  |  | 4055143486866 |
| Customs tariff number |  | 85444290900   |

| Environmental Product Compliance |  |                         |
|----------------------------------|--|-------------------------|
| RoHS Compliance Status           |  | Compliant, No Exemption |

| Approvals / Certificates                                |           |                                                            |
|---------------------------------------------------------|-----------|------------------------------------------------------------|
| General approvals                                       |           | Declarations of conformity and manufacturer's declarations |
| <div><div>CCA</div><div>KEMA<br/>KEUR</div></div>       |           |                                                            |
| Approval                                                | Standard  | Certificate Name                                           |
| CCA<br>DEKRA Certification B.V.                         | IEC 61535 | NTR NL-7355                                                |
| KEMA/KEUR<br>DEKRA Certification B.V.                   | EN 61535  | 71-123834                                                  |
| Approval                                                | Standard  | Certificate Name                                           |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -         | -                                                          |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -         | -                                                          |



Downloads

Environmental Product Compliance

|                                  |  |  |   |
|----------------------------------|--|--|---|
| Compliance Search                |  |  |   |
| Environmental Product Compliance |  |  | ↓ |
| 771-6993/006-401                 |  |  |   |

Documentation

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| Bid Text         |            |                 |   |
| 771-6993/006-401 | 19.02.2019 | xml<br>2.96 KB  | ↓ |
| 771-6993/006-401 | 13.01.2015 | doc<br>25.50 KB | ↓ |

CAD/CAE-Data

|                   |  |  |   |
|-------------------|--|--|---|
| CAE data          |  |  |   |
| EPLAN Data Portal |  |  | ↓ |
| 771-6993/006-401  |  |  |   |
| WSCAD Universe    |  |  | ↓ |
| 771-6993/006-401  |  |  |   |

1 Compatible Products

1.1 Required Accessories

1.1.1 Installation

1.1.1.1 Mounting accessories



**Item No.: 770-310**  
Mounting carrier; 2- to 5-pole; for flying leads; black

1.1.2 Locking system

1.1.2.1 Locking system



**Item No.: 770-101**  
Locking lever; for flying leads; for manual operation; black



**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  
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

1.2.2 Marking

1.2.2.1 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