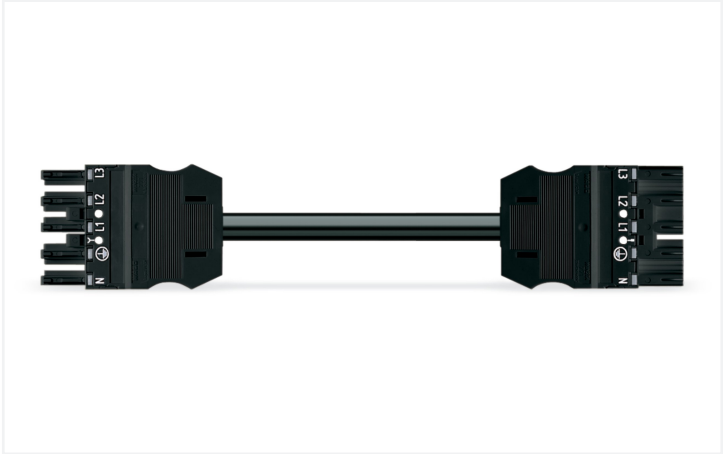
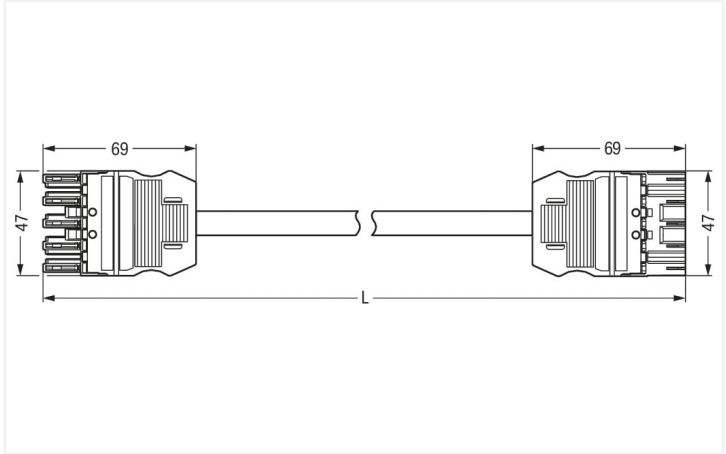




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® MIDI with strain relief

For signal and power transmission: The WINSTA® MIDI cable assembly 5-pole. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismatching. 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!)). Thanks to the color coding and mechanical A coding of WINSTA® MIDI pluggable installation connectors, you can clearly distinguish different circuits. The WINSTA® MIDI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology facilitates safe electrification. Due to the integrated test slot, connections can be checked even when they are plugged in. This saves time, labor, and money. Anyone who needs to take into account technical safety requirements related to fire protection for electrical installation should use only top quality components. Our product meets the strict safety standards of fire class B2. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- effective protection against mismatching
- pre-assembled versions
- with A coding for use in a large number of general mains applications
- custom-engineered solutions
- convenient installation and commissioning

| 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      | 400 V | -              | -  |                                                 |  |
| Rated surge voltage  | 6 kV  | -              | -  |                                                 |  |
| Rated current        | 16 A  | -              | -  |                                                 |  |



Connection data

|                            |                      |                    |               |
|----------------------------|----------------------|--------------------|---------------|
| Total number of potentials | 5                    | Connection 1       |               |
| PE function                | Preceding PE contact | Pole number        | 5             |
|                            |                      | Wire cross-section | 1.5 mm²       |
|                            |                      | Connection type    | Socket - Plug |

Physical data

|              |                         |
|--------------|-------------------------|
| Pin spacing  | 10 mm / 0.394 inches    |
| Width        | 47 mm / 1.85 inches     |
| Height       | 15.38 mm / 0.606 inches |
| Total length | 4 m                     |

Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Use                                     | General mains applications                                                                                    |
| Coding                                  | A                                                                                                             |
| Variable coding                         | Yes                                                                                                           |
| Marking                                 | N ⊕ L1 L2 L3                                                                                                  |
| Potential marking                       | N ⊕ L1 L2 L3                                                                                                  |
| 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                              | H05Z1Z1-F 5G1.5                                                                                               |
| 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:<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)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire class per EN 50575            | B2 <sub>ca</sub>                                                         |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 1.109 MJ                                                                 |
| Connector color                    | black                                                                    |
| Strain relief color                | black                                                                    |
| Printing color of strain relief    | white                                                                    |



| Material data                    |              |
|----------------------------------|--------------|
| Sheathed cable color             | black        |
| Printing color of sheathed cable | white        |
| Halogen-free                     | Yes          |
| Silicon-free                     | Yes          |
| Sheath material                  | Halogen-free |
| Rubber cable                     | No           |
| Weight                           | 682.8 g      |
| Copper weight of the pipe        | 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)<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 9.0              | EC002587      |
| ETIM 8.0              | EC002587      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | DE            |
| GTIN                  | 4055143660501 |
| Customs tariff number | 85444290900   |

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

Downloads

Environmental Product Compliance

| Compliance Search                                    |                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance<br>771-9295/016-401 |  |

Documentation

| Bid Text         |            |                 |                                                                                     |
|------------------|------------|-----------------|-------------------------------------------------------------------------------------|
| 771-9295/016-401 | 19.02.2019 | xml<br>2.95 KB  |  |
| 771-9295/016-401 | 01.12.2017 | doc<br>25.50 KB |  |



|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| CAD/CAE-Data                          |                                                                                   |
| CAE data                              |                                                                                   |
| EPLAN Data Portal<br>771-9295/016-401 |  |

|                          |
|--------------------------|
| 1 Compatible Products    |
| 1.1 Required Accessories |
| 1.1.1 Locking system     |
| 1.1.1.1 Locking system   |



|                                                                                                   |                                                                                                   |                                                                                                 |                                                                                                 |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <a href="#">Item No.: 770-101</a><br>Locking lever; for flying leads; for manual operation; black | <a href="#">Item No.: 770-121</a><br>Locking lever; for flying leads; for manual operation; white | <a href="#">Item No.: 770-111</a><br>Locking lever; for flying leads; for tool operation; black | <a href="#">Item No.: 770-131</a><br>Locking lever; for flying leads; for tool operation; white |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

|                          |
|--------------------------|
| 1.2 Optional Accessories |
| 1.2.1 Cover              |
| 1.2.1.1 Cover            |



|                                                                                                   |                                                                                                   |                                                                                        |                                                                                              |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <a href="#">Item No.: 770-201</a><br>Lockout cap; 12-pole, separable; for sockets; Plastic; black | <a href="#">Item No.: 770-221</a><br>Lockout cap; 12-pole, separable; for sockets; Plastic; white | <a href="#">Item No.: 770-360</a><br>Lockout cap; for plugs; 5-pole; separable; yellow | <a href="#">Item No.: 897-2005</a><br>Protective cap; Type4; for sockets and plugs; PVC; red |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|

|                              |
|------------------------------|
| 1.2.2 Installation           |
| 1.2.2.1 Mounting accessories |



|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <a href="#">Item No.: 770-310</a><br>Mounting carrier; 2- to 5-pole; for flying leads; black |
|----------------------------------------------------------------------------------------------|

|                |
|----------------|
| 1.2.3 Marking  |
| 1.2.3.1 Marker |



|                                                                         |                                                                          |                                                                           |                                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|
| <a href="#">Item No.: 770-450/000-006</a><br>Marker card; Plastic; blue | <a href="#">Item No.: 770-450/000-001</a><br>Marker card; Plastic; green | <a href="#">Item No.: 770-450/000-012</a><br>Marker card; Plastic; orange | <a href="#">Item No.: 770-450/000-005</a><br>Marker card; Plastic; red |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|



|                                                                  |                                                                           |
|------------------------------------------------------------------|---------------------------------------------------------------------------|
| <a href="#">Item No.: 770-450</a><br>Marker card; Plastic; white | <a href="#">Item No.: 770-450/000-002</a><br>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