



Color: ■ black

Dimensions in mm

Cable assembly *WINSTA*® MIDI rated current 10 A

The *WINSTA*® MIDI cable assembly rated current 10 A provides the foundation for assembly of solid and fine-stranded conductors. The pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow flexible, error-free installation in numerous possible uses. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised contact elements. 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, it is possible to check connections even when they are plugged in. This saves time, labor, and money. According to the European CPR, the fire class of the cables used for construction is critical for the safety of buildings as well. For buildings 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 cold equipment coupling c13, angled are provided. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also reduce installation expenses without compromising quality and safety: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- pre-assembled versions
- with A coding for a large number of applications
- custom-engineered solutions
- convenient installation and commissioning

## Notes

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

## 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	250 V	-	-		
Rated impulse withstand voltage	4 kV	-	-		
Rated current	10 A	-	-		

## Connection Data

Total number of potentials	3	<b>Connection 1</b>	
PE function	Preceding PE contact	Pole number	3
		Wire cross-section	1 mm <sup>2</sup>
		Connection type	Plug - Cold equipment coupling C13, angled

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	48 mm / 1.89 inches
Height	19.5 mm / 0.768 inches
Total length	3 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	Plug - Cold equipment coupling C13, angled
Type of pre-assembled cable	Adapter cable
Cable type	H05VV-F 3G1
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)	<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	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	30.329 MJ
Connector color	black
Strain relief color	black
Printing color of strain relief	white
Sheathed cable color	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	264.3 g
Copper weight of the raw cable	0.029 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	4045454525644
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121636
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
SCIP notification number (Austria)	dabf9f3a-e60b-4a31-a34c-0a21131617d7
SCIP notification number (Belgium)	2904b3b7-6f76-4b8d-b784-5caa7dadb5e8
SCIP notification number (Bulgaria)	fe669414-cb79-450a-b9f4-e951e5ae6130
SCIP notification number (Czech Republic)	5150bac4-442f-456a-b311-f5c3d278c9a0
SCIP notification number (Denmark)	86121a8b-d013-41cc-95bd-f323297f3011
SCIP notification number (Finland)	74228a62-a2b8-42de-b384-4a7d1b1728f8
SCIP notification number (France)	e6309180-5079-4f48-a12c-ffa9f0caf37
SCIP notification number (Germany)	b943d534-0d61-409a-a562-e6b3bc18ef9a
SCIP notification number (Hungary)	fc6ef074-6ae1-4515-8473-3b92d41804fc
SCIP notification number (Italy)	9427b33e-cbea-4d87-aa6a-34d19f07d812
SCIP notification number (Netherlands)	629ebbf4-5a94-45d7-9bde-f2d2ddf41dbb

### Environmental Product Compliance

SCIP notification number (Poland)	47c03aee-319c-437d-bd79-16e43ca573e6
SCIP notification number (Romania)	38e8fcc7-aab2-47f7-a341-1e4d9aae6db5
SCIP notification number (Sweden)	09e3d3e6-4c72-4b47-be1f-86184b9f5825

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 771-9993/805-301	↓

### Documentation

Bid Text			
771-9993/805-301	19.02.2019	xml 2.97 KB	↓
771-9993/805-301	04.12.2014	doc 23.50 KB	↓

### CAD/CAE-Data

CAE data	
EPLAN Data Portal 771-9993/805-301	↓
WSCAD Universe 771-9993/805-301	↓

### 1 Compatible Products

#### 1.1 Required Accessories

##### 1.1.1 Locking system

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

**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