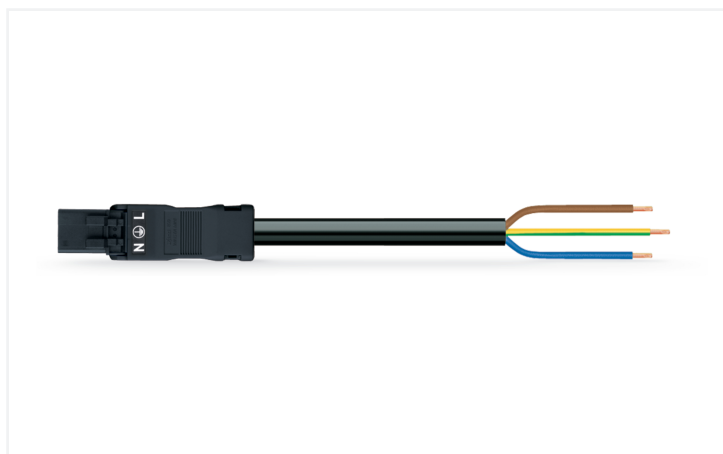


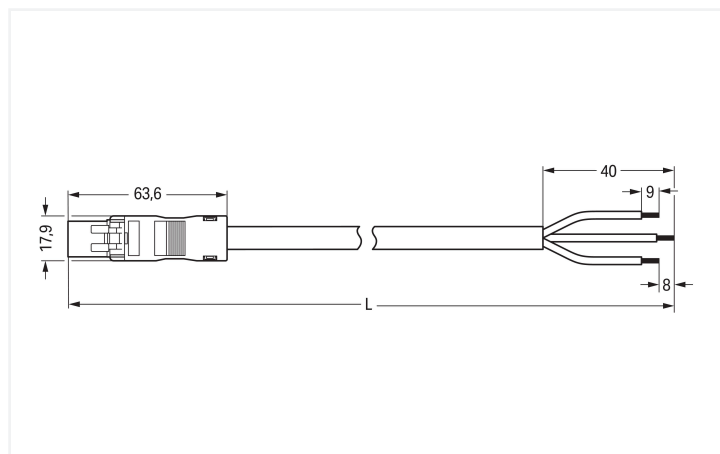
## Data Sheet | Item Number: 891-8993/205-101

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm<sup>2</sup>; black

<https://www.wago.com/891-8993/205-101>



Color: ■ black



Dimensions in mm

### Cable assembly WINSTA® MINI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly with protection type IP20. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a specified grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. Thanks to its particularly compact dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very tight spaces, i.e., for connections when very little room is available. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

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

The cable assembly is equipped with a plug and a free end. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with strain relief hosting from WAGO.

- effective protection against mismatching
- easy tool-free operation, a wide range of coding options
- suitable for any application
- exact dimensions
- 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		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	10 A	-	-

### General information

Note on contact resistance approx. 1 mΩ of contact resistance  
approx. 0.25 mΩ contact transition plug/  
socket

## Connection Data

Total number of potentials	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

### Connection 1

Strip length	9 mm / 0.35 inches
Pole number	3
Wire cross-section	1 mm <sup>2</sup>
Strip length (outer insulation)	40 mm
Connection type	Plug - free end

## Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	17.9 mm / 0.705 inches
Height	14 mm / 0.551 inches
Total length	1 m

## Mechanical data

Use	General mains applications
Coding	A
Variable coding	No
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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 3G1
Protection type	IP20; IP40 when mated

## 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)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	29.775 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	81.4 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	PL
GTIN	4055143355223
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
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### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
891-8993/205-101



## Documentation

### Bid Text

891-8993/205-101	19.02.2019	xml 3.00 KB	
891-8993/205-101	26.11.2014	doc 25.50 KB	

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 891-8993/205-101	
WSCAD Universe 891-8993/205-101	

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 Locking system

##### 1.1.1.1 Locking system



**Item No.: 890-111**

Locking lever; for flying leads; for tool operation; black



**Item No.: 890-131**

Locking lever; for flying leads; for tool operation; white



**Item No.: 890-101**

Locking lever; for manual operation; black



**Item No.: 890-121**

Locking lever; for manual operation; white

### 1.2 Optional Accessories

#### 1.2.1 Cover

##### 1.2.1.1 Cover



**Item No.: 897-2001**

Protective cap; Type1; for sockets and plugs; PVC; red

#### 1.2.2 Installation

##### 1.2.2.1 Mounting accessories



**Item No.: 890-310**

Mounting carrier; 2- to 5-pole; for flying leads; black



**Item No.: 890-311**

Mounting carrier; 2- to 5-pole; for flying leads; white

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](http://www.wago.com)