

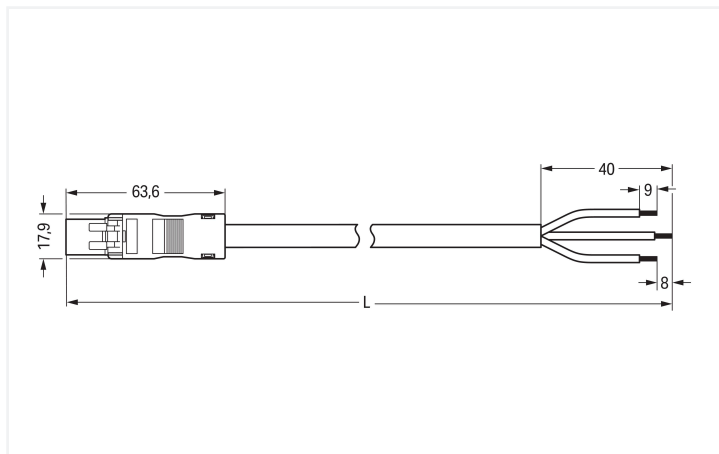
## Data Sheet | Item Number: 891-8993/206-601

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F  
3G 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; black

<https://www.wago.com/891-8993/206-601>



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 A coding. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The *WINSTA*® MINI pluggable installation connector with A coding in white or black is normally used for general mains applications in power distribution. Particularly where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its advantages. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also can be installed quickly, since the connection is low-maintenance and requires no screw connections. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

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

A plug and a free end are provided. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Using this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also lower installation expenses without compromising safety and quality: with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for use in a large number of general mains applications
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

### 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	16 A	-	-

## General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
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## 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	1.5 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	6 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 3G1.5
Protection type	IP20; IP40 when mated

## 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 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	179.925 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	596.4 g
Copper weight of the raw cable	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) Insulating parts for temperatures ≤ 105 °C

### Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143521031
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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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7971
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123232

#### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 891-8993/206-601	↓
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### Documentation

#### Bid Text

891-8993/206-601	19.02.2019	xml 3.01 KB	↓
891-8993/206-601	26.11.2014	doc 25.50 KB	↓

### CAD/CAE-Data

#### CAD data

2D/3D Models 891-8993/206-601	↓
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#### CAE data

EPLAN Data Portal 891-8993/206-601	↓
WSCAD Universe 891-8993/206-601	↓
ZUKEN Portal 891-8993/206-601	↓

## 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