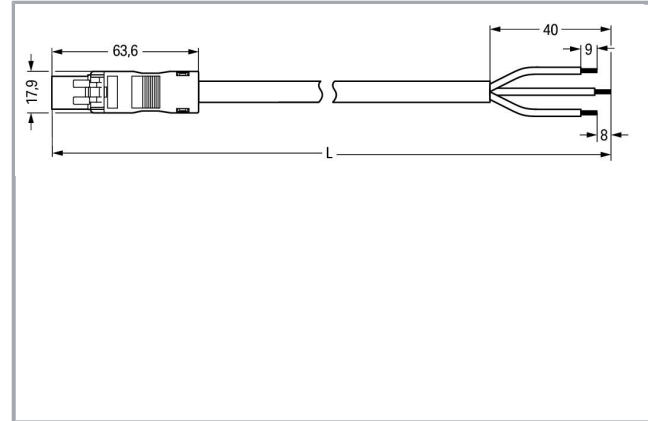
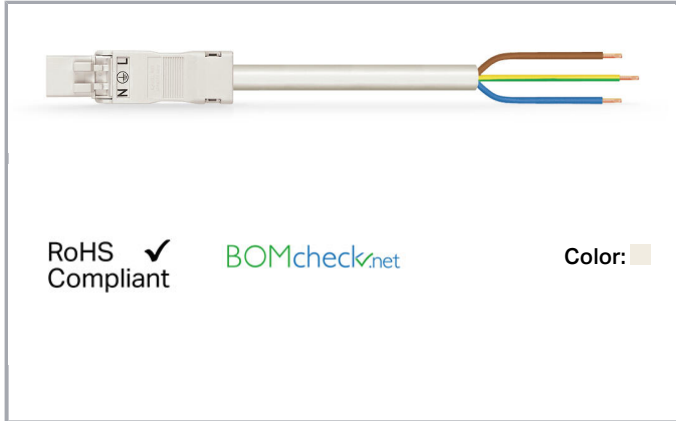


## Data sheet | Item number: 891-8993/216-602

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A;  
H05Z1Z1-F 3G 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; white



[www.wago.com/891-8993\\_216-602](http://www.wago.com/891-8993_216-602)



### Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

### Note:

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

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

### Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

## Data

### Electrical data

Note on Contact Resistance

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

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

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### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Approvals per UL 1977

Rated voltage UL 1977	600 V
Rated current UL 1977	14 A

### Connection data

Pole No.	3
Total number of potentials	3
Ground function	with preceding ground contact
Conductor preparation	tip-bonded
Sheathed cable diameter	7,4 ... 9,4 mm
Wire cross-section	1.5 mm <sup>2</sup>
Strip length (outer insulation)	40 mm
Connection type	Plug - Free end

### Geometrical Data

Pin spacing	4,4 mm / 0.173 inch
Total length	6 m

### Mechanical data

Coding	A
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 100, with resistive load $I_N = 16$ A, tested (1.5mm <sup>2</sup> /AWG 16)
Connection type	Plug - Free end

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



Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G1.5
Marking	L N
Protection type	IP20
Note on protection type	IP40 when mated
Potential marking	L N
Application	General mains applications

### Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofitable

### Material Data

Color	white
Insulation material	Polyamide 66 (PA 66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Connector color	white
Printing color of mating face	black
Strain relief color	white
Printing color of strain relief	black
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Weight	581.3 g

### Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

### Commercial data

Packaging type	not packed
Country of origin	PL

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GTIN	4055143521048
Customs tariff number	85444290900

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61535	2179129.02

## Counterpart

### Downloads

#### Documentation

##### Bid Text

891-8993/216-602 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download
891-8993/216-602 doc - Datei	Nov 26, 2014	doc 26.1 kB	Download

## CAD/CAE-Data

### CAD data

2D/3D Models 891-8993/216-602	URL	Download
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### CAE data

WSCAD Universe 891-8993/216-602	URL	Download
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## Handling Instructions

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

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## Product family

*WINSTA*® MINI

[Show all products from the family](#)

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