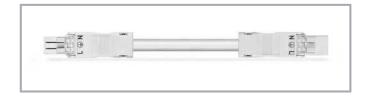
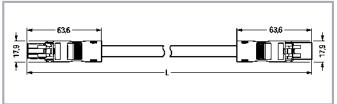
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.0 mm<sup>2</sup>; 7 m; 1,00 mm<sup>2</sup>; white



www.wago.com/891-8993\_015-702





#### Item description

## Cable assembly WINSTA® MINI with strain relief

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly with protection against mismating. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Standard mains applications for almost any domain of use can be realised with *WINSTA*® MINI pluggable installation connectors with A coding. Especially if only limited space is available, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its strengths. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it also saves time, since the connection is low-maintenance and requires no screw connections. According to the European CPR, the fire class of the cables used in construction is decisive for the safety of buildings, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable. Eliminating halogens as an additive in the production of this cable assembly significantly increases fire safety and reduces environmental pollution.

#### Pluggable connections instead of screw connections - cable assemblies from WAGO

A socket and a plug are provided. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It allows 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 WINSTA® MINI pluggable installation connectors with protection type IP20 from WAGO.

- effective protection against mismating
- consistent IP40 protection
- with A coding for use in many general mains applications
- ready for immediate use

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

WAGO Corporation Germantown, WI 53022

Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222

Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products? We are always happy to take your call at +49 (571) 887-44222.

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fast, secure installation

Data Notes

Note

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

#### Electrical data

Note on contact resistance approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/socket

# **IEC Approvals**

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

# Ratings per UL

Note for the US market

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.

#### Connection data

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

#### **Connection 1**

Number of poles	3
Sheathed cable diameter	6.3 8 mm
Wire cross-section	1 mm²
Connection type	Socket - Plug

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# Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	7 m

#### Mechanical data

Application	General mains applications	
Coding	A	
Variable coding	No	
Marking	L <del>↓</del> N	
Potential Marking	L	
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 3G1	
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

## Material data

Note (material data)	Information on material data can be found here
Color	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Fire load	209.603 MJ

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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Connector color	white
Printing color of mating face	black
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Sheath material	Halogen-free
Weight	522.5 g
Copper weight of the pipe	0.029 kg/m

# **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

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143397278
Customs tariff number VKOrg Germany	85444290900

# Approvals / Certificates

**Country specific Approvals** 

Logo	Approval	Additional Approval Text	Certificate name
CCA	CCA DEKRA Certification B.V.	EN 61535	NTR NL- 7823
KEMA	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71- 112995

# Required accessories

Locking levers

 $\label{thm:continuity} \textbf{Subject to changes. Please also observe the further product documentation!}$ 

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Locking system		
<b>Item no.: 890-111</b> Locking lever; for flying le	ads; for tool operation; black	www.wago.com/890-111
Item no.: 890-101 Locking lever; for manual	operation; black	www.wago.com/890-101
Item no.: 890-121 Locking lever; for manual	operation; white	www.wago.com/890-121
<b>Item no.: 890-131</b> Locking lever; for flying le	ads; for tool operation; white	www.wago.com/890-131

# Optional accessories

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Mounting	Mounting accessories					
	Item no.: 890-310	www.waga.com/000.210				
	Mounting carrier; 2- to 5-pole; for flying leads; black	www.wago.com/890-310				
	Item no.: 890-311					
	Mounting carrier; 2- to 5-pole; for flying leads; white	www.wago.com/890-311				
Cover						
Other						



Item no.: 897-2001

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

www.wago.com/897-2001

# Downloads Documentation

#### **Bid Text**

891-8993/015-702 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/015-702 doc - Datei	2014 Nov 26	doc 24.6 kB	Download

# **CAD files**

#### CAE data

WSCAD Universe 891-8993/015-702 URL Download

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# **Environmental Product Compliance**

**Compliance Search** 

Environmental Product Compliance 891-8993/015-702 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.0 mm²; 7 m; 1,00 mm²; white

URL Download

**Installation Notes** 

**Product family** 

WINSTA® MINI

Show all products from the family

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

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