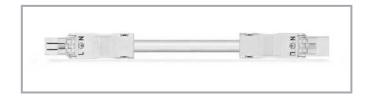
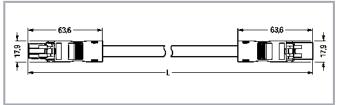
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.5 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>; white



www.wago.com/891-8993\_016-702





#### Item description

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

The WINSTA® MINI cable assembly rated current 16 A supports rapid, correct installation. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow fast, efficient, error-free installation in a large number of possible uses. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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 minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for installations when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

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

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Use of this preassembled system decreases assembly times and installation errors at the construction site. Choose quality and durability – the WINSTA® MINI pluggable installation connector with protection type IP20 from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for a large number of applications
- exact dimensions
- quick replacement of defective units during ongoing operation

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

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# 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	16 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	7.4 9.4 mm
Wire cross-section	1.5 mm²
Connection type	Socket - Plug

# Physical data

Pin spacing 4.4 mm / 0.173 inch

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

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Unmating force of a plug-in connection



Total length	7 m
Mechanical data	
Application	General mains applications
Coding	A
Variable coding	No
Marking	L
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

# Plug-in connection

Number of mating cycles

Type of pre-assembled cable

Connection type

Cable type

Protection type

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

surface-treated
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when unlocked: approx. 20 ... 70 N (depending on pole number)

200, without resistive load

Interconnecting cable

IP20; IP40 when mated

H05Z1Z1-F 3G1.5

Socket - Plug

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Sheathed cable color white  Printing color of sheathed cable black  Halogen-free Yes  Sheath material Halogen-free
Halogen-free Yes Sheath material Halogen-free
Sheath material Halogen-free
Weight
Weight 695.7 g
Copper weight of the pipe 0.043 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	4055143397759
Customs tariff number VKOrg Germany	85444290900

# Approvals / Certificates

**Country specific Approvals** 

Logo	Approval	Additional Approval Text	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

Locking system

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

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Item no.: 890-111 Locking lever; for flying leads; 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
Item no.: 890-131 Locking lever; for flying leads; for tool operation; white	www.wago.com/890-131

#### Optional accessories

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Other



Item no.: 897-2001

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

www.wago.com/897-2001

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Mounting accessories

Item no.: 890-310

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

# Downloads

## Documentation

# **Bid Text**

891-8993/016-702 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/016-702 doc - Datei	2014 Nov 26	doc 24.6 kB	Download

# **CAD files**

### CAE data

WSCAD Universe 891-8993/016-702	URL	Download
WSCAD Universe 891-8993/016-702	URL	Download
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# **Environmental Product Compliance**

Compliance Search

Environmental Product Compliance 891-8993/016-702

URL

Download

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F 3G 1.5 mm²; 7 m; 1,50 mm²; white

**Installation Notes** 

**Product family** 

WINSTA® MINI

Show all products from the family

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