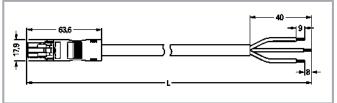
pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05Z1Z1-F 3G 1.0 mm²; 4 m; 1,00 mm²; black



www.wago.com/891-8993_115-401





Item description

Cable assembly WINSTA® MINI with strain relief

The WINSTA® MINI cable assembly rated current 10 A supports rapid, correct installation. The pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. General mains applications for almost any domain of use can be realised with WINSTA® MINI pluggable installation connectors with A coding. Thanks to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very restricted spaces, i.e., for connections when very little room is available. This product meets all the relevant fire protection requirements of fire class E; as a result it can be used in areas where fire safety is relevant. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

Pluggable connections instead of screw connections - cable assemblies from WAGO

A socket and a free end are available. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the WINSTA® MINI pluggable installation connector with marking from WAGO makes the installation of electrical components substantially 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
- custom-engineered solutions
- convenient installation and commissioning

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 Ω of contact resistance approx. 0.25 m Ω 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

Strip length	9 mm / 0.35 inch
Number of poles	3
Sheathed cable diameter	6.3 8 mm
Wire cross-section	1 mm²
Strip length (outer insulation)	40 mm
Connection type	Socket - Free end

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

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	4 m

Mechanical data

Application	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	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G1
Protection type	IP40

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	black
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	5.438 MJ

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

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Connector color	black
Printing color of mating face	white
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Sheath material	Halogen-free
Weight	298.1 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

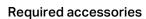
Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
GTIN	4045454350277

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



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

М	ΛI	ın	ıti	n	a

Mounting accessories				
	Item no.: 890-310	www.wago.com/890-310		
	Mounting carrier; 2- to 5-pole; for flying leads; black	www.wago.com/030-310		
	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

891-8993/115-401 X81 - Datei	2019 Feb 19	xml 3.1 kB	Download
891-8993/115-401 doc - Datei	2014 Nov 26	doc 25.6 kB	Download

CAD files

CAE data

WSCAD Universe 891-8993/115-401	URL	Download
WSCAD Universe 891-8993/115-401	URL	Download
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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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