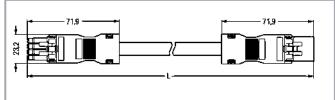
pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05Z1Z1-F 4G 1.5 mm²; 7 m; 1,50 mm²; white



www.wago.com/891-8994_016-702





Item description

Cable assembly WINSTA® MINI with protection against mismating

The WINSTA® MINI cable assembly A coding is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. WINSTA® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since as a result of LED technology; due to complex systems, these offer less and less space for the connection technology. According to the European CPR, the fire class of the cables used in construction is decisive for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is ideally 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 protection type IP20 from WAGO makes the installation of electrical components visibly easier.

- pluggable installation connectors with protection against mismating
- easy tool-free operation, a wide range of coding options
- with A coding for use in many general mains applications
- ready to install and use immediately
- fast, secure installation

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 $\text{m}\Omega$ contact transition plug/socket

IEC Approvals

Ratings per	IEC/EN 60664-1	
Rated voltage (III / 3)	400 V	
Rated impulse voltage (III/3)	6 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	4
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	4
Sheathed cable diameter	8.4 10.5 mm
Wire cross-section	1.5 mm²
Connection type	Socket - Plug

Physical data

Pin spacing 4.4 mm / 0.173 inch

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Total length	7 m	
Mechanical data		
Application	General mains applications	
Coding	А	
Variable coding	No	
Marking	N	
Potential Marking	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 - Plug	
Type of pre-assembled cable	Interconnecting cable	
Cable type	H05Z1Z1-F 4G1.5	

Plug-in connection

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

IP20; IP40 when mated

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 _{ca}	
Contact material	Copper or copper alloy; surface-treated	
Fire load	209.438 MJ	
Connector color	white	
Printing color of mating face	black	

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Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Sheath material	Halogen-free
Weight	846 g
Copper weight of the pipe	0.058 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	

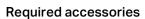
Commercial data

PU (SPU)	1 Stück
Packaging type	unpacked
Country of origin VKOrg Germany	PL
GTIN	4055143405355
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



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	Oι	ınti	ing

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			
over					
Other					



Item no.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

Downloads Documentation

Bid Text

891-8994/016-702 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/016-702 doc - Datei	2014 Dec 1	doc 25.1 kB	Download

CAD files

CAE data

WSCAD Universe 891-8994/016-702	URL	Download
WSCAD Universe 891-8994/016-702	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8994/016-702 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05Z1Z1-F 4G 1.5 mm²; 7 m; 1,50 mm²; white

URL

Download

Installation Notes

Product family

WINSTA® MINI

Show all products from the family

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

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