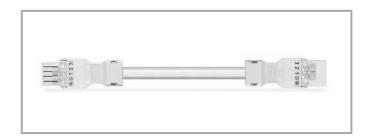
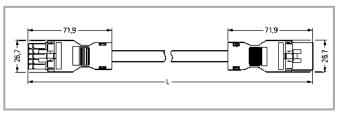
pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05Z1Z1-F 5G 1.5 mm²; 8 m; 1,50 mm²; white



www.wago.com/891-8995_016-802





Item description

Cable assembly WINSTA® MINI 5-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly rated current 13 A. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in next to no time. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The WINSTA® MINI pluggable installation connector with A coding in black or white is normally used for general mains applications in power distribution. WINSTA® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer less and less space for the connection technology. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. Eliminating halogens as an additive in the manufacture of this cable assembly noticeably improves fire safety and minimises environmental pollution.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Take advantage 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.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- suitable for any application
- custom-engineered solutions

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

WAGO Corporation Germantown, WI 53022

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convenient installation and commissioning

D	ata	Э
Ν	ot	es

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)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	13 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	5
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	5
Sheathed cable diameter	9.3 11.6 mm
Wire cross-section	1.5 mm²
Connection type	Socket - Plug

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Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	8 m

Mechanical data

Application	General mains applications
Coding	A
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 5G1.5
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 _{ca}
Contact material	Copper or copper alloy; surface-treated

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

WAGO Corporation Germantown, WI 53022 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222 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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Fire load	239.465 MJ
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	1253.6 g
Copper weight of the pipe	0.072 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	4055143400145
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

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Required accessories

Locking system	
ltem no.: 890-111 Locking lever; for flying leads; for tool operation; bla	ck 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; whi	ite www.wago.com/890-131

Optional accessories

no.: 890-310	
	www.wago.com/890-310
	www.wago.com/890-311
n	unting carrier; 2- to 5-pole; for flying leads; black n no.: 890-311 unting carrier; 2- to 5-pole; for flying leads; white



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

Downloads Documentation

Bid Text

891-8995/016-802 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8995/016-802 doc - Datei	2014 Dec 1	doc 25.1 kB	Download

CAD files

CAD data

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2D/3D Models 891-8995/016-802	URL	Download
CAE data		
WSCAD Universe 891-8995/016-802	URL	Download
ZUKEN Portal 891-8995/016-802	URL	Download
WSCAD Universe 891-8995/016-802	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/016-802 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05Z1Z1-F 5G 1.5 mm²; 8 m; 1,50 mm²; white URL Download

Installation Notes

Product family

WINSTA® MINI

Show all products from the family

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