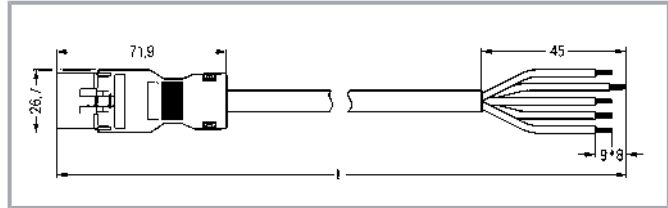


Data sheet | Item number: 891-8995/216-802

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A;
H05Z1Z1-F 5G 1.5 mm²; 8 m; 1,50 mm²; white

www.wago.com/891-8995_216-802



Item description

Cable assembly **WINSTA®** MINI 5-pole

The **WINSTA®** MINI cable assembly with protection type IP20 allows assembly of solid and fine-stranded conductors. WAGO pluggable installation connectors can be used when requirements repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. General mains applications for almost any domain of use can be implemented with **WINSTA®** MINI pluggable installation connectors with A coding. **WINSTA®** MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for example, since as a result of LED technology; due to complex systems, these offer much 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 mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. 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 are flame-resistant.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. 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 against mismating from WAGO.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- for any mains application
- flexible installation to save space

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.



- 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 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) \triangleq 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

Strip length	9 mm / 0.35 inch
Number of poles	5
Sheathed cable diameter	9.3 ... 11.6 mm
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	45 mm
Connection type	Plug - Free end

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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 ∇ 1 2 3
Potential Marking	N ∇ 1 2 3
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	Plug - free end
Type of pre-assembled cable	Connecting 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

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Fire load	239.781 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	1243 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	4055143400305
Customs tariff number VKOrg Germany	85444290900

Approvals / Certificates

Country specific Approvals

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

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Required accessories

Locking levers

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

Optional accessories

Cover

Other		
	Item no.: 897-2003	www.wago.com/897-2003
Protective cap; Type2; for sockets and plugs; PVC; red		

Mounting

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

Downloads

Documentation

Bid Text

891-8995/216-802	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
891-8995/216-802	2014 Dec 1	doc	Download
doc - Datei		26.1 kB	

CAD files

CAE data

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WSCAD Universe 891-8995/216-802	URL	Download
WSCAD Universe 891-8995/216-802	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/216-802	URL	Download
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05Z1Z1-F		
5G 1.5 mm²; 8 m; 1,50 mm²; white		

Installation Notes

Product family

WINSTA® MINI
[Show all products from the family](#)

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