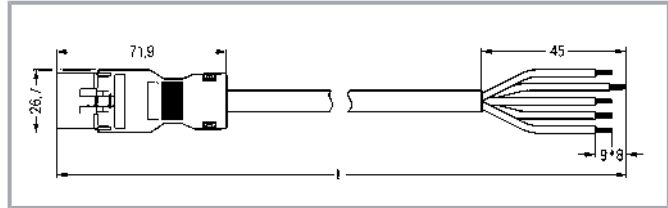


Data sheet | Item number: 891-8995/206-301

pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A;
H05VV-F 5G 1.5 mm²; 3 m; 1,50 mm²; black

www.wago.com/891-8995_206-301



Item description

Cable assembly **WINSTA®** MINI with protection against mismating

For signal and power transmission: The **WINSTA®** MINI cable assembly with protection against mismating. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in seconds. 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. Especially if only limited space is available, our smallest pluggable connection system, **WINSTA®** MINI, consistently displays its advantages. It saves space, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the connection is low-maintenance and can be performed without screw connections. 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.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. **WINSTA®** is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – the **WINSTA®** MINI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- effective protection against mismating
- consistent IP40 protection
- with A coding for a great number of 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

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data Notes

Note	Cables with a different fire class can be found in the eShop.
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Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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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.
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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	3 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	H05VV-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	black
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	89.947 MJ
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	No
Sheath material	PVC
Weight	486 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	4055143386685
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

891-8995/206-301	2019 Feb 19	xml	Download
X81 - Datei		3.1 kB	
891-8995/206-301	2014 Dec 1	doc	Download
doc - Datei		25.6 kB	

CAD files

CAE data

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WSCAD Universe 891-8995/206-301	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/206-301	URL	Download
pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm²; 3 m; 1,50 mm²; black		

Installation Notes

Product family

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

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