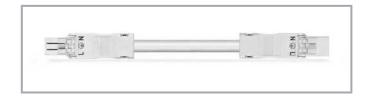
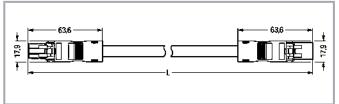
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 7 m; 1,50 mm²; white



www.wago.com/891-8993_006-702





Item description

Cable assembly WINSTA® MINI A coding

The WINSTA® MINI cable assembly 3-pole is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow resource-efficient, error-free installation in numerous applications. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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. Due to its particularly small dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is specifically suitable in very restricted spaces, i.e., for installations when very little room is available. According to the European CPR, the fire class of the cables used for construction is essential for the safety of buildings, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore more efficient, more reliable, and error-free. Use of this preassembled system decreases time spent on assembly and installation errors at the construction site. Now you can also lower installation expenses without compromising safety and quality: The WINSTA® MINI pluggable installation connector with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- suitable for any application
- custom-engineered solutions

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

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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 $\text{m}\Omega$ 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	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	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	3
Sheathed cable diameter	7.4 9.4 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	7 m

Mechanical data

Application	General mains applications	
Coding	A	
Variable coding	No	
Marking	L ↓ N	
Potential Marking	L	
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	H05VV-F 3G1.5	
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
Fire load	209.603 MJ

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

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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	No
Sheath material	PVC
Weight	709.7 g
Copper weight of the pipe	0.043 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	4055143396837
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

Required accessories

Locking levers

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

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Do you have any questions about our products?

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Locking system		
Item no.: 890-1	11	WWW.Waga com/900 111
Locking lever; f	or flying leads; for tool operation; black	www.wago.com/890-111
Item no.: 890-1)1	
Locking lever; f	or manual operation; black	www.wago.com/890-101
Item no.: 890-1	21	
Locking lever; f	or manual operation; white	www.wago.com/890-121
Item no.: 890-1	31	
Locking lever; f	or flying leads; for tool operation; white	www.wago.com/890-131

Optional accessories

Cover	
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Other



Item no.: 897-2001

Protective cap; Type1; for sockets and plugs; PVC; red

www.wago.com/897-2001

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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

Downloads Documentation

Bid Text

891-8993/006-702 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/006-702 doc - Datei	2014 Nov 26	doc 23.6 kB	Download

CAD files

CAE data

WSCAD Universe 891-8993/006-702 URL Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/006-702 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 7 m; 1,50 mm²; white

URL Download

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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