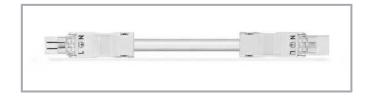
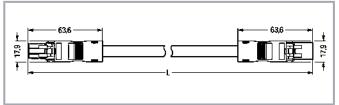
pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; 8 m; 1,00 mm²; white



www.wago.com/891-8993_005-802





Item description

Cable assembly WINSTA® MINI with protection type IP20

The WINSTA® MINI cable assembly rated current 10 A 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 without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. Standard 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. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Fast, error-free assembly thanks to cable assemblies from WAGO

A socket and a plug are provided. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also cut installation costs without compromising safety and quality: The *WINSTA®* MINI pluggable installation connector with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in many general mains applications
- exact dimensions
- rapid, structured electrical installation

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

WAGO Corporation Germantown, WI 53022

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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 $m\Omega$ 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	10 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	notontiale	2
Total Humber of	potentiais	3

PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Number of poles	3
Sheathed cable diameter	6.3 8 mm
Wire cross-section	1 mm²
Connection type	Socket - Plug

Physical data

Pin spacing	4.4 mm / 0.173 inch	
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Total length	8 m	
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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
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	10.858 MJ
Connector color	white
Printing color of mating face	black

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

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Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	596.2 g
Copper weight of the pipe	0.029 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
GTIN	4045454349837

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	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

Locking system

Item no.: 890-111

Locking lever; for flying leads; for tool operation; black

www.wago.com/890-111

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Cortificato

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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

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 Cover Other



Item no.: 897-2001

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

www.wago.com/897-2001

Downloads Documentation

Bid Text

891-8993/005-802 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8993/005-802 doc - Datei	2014 Nov 26	doc 23.6 kB	Download

CAD files

CAE data

WSCAD Universe 891-8993/005-802	URL	Download
WSCAD Universe 891-8993/005-802	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8993/005-802 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; 8 m; 1,00 mm²; white

URL D

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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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