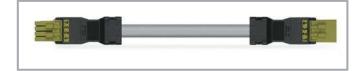
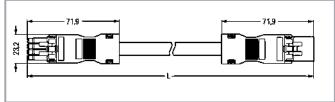
pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable  $4 \times 1.0 \text{ mm}^2$ ; 4 m;  $1,00 \text{ mm}^2$ ; light green



www.wago.com/891-8994\_005-405





#### Item description

#### Cable assembly WINSTA® MINI 4-pole

The WINSTA® MINI cable assembly with protection against mismating allows installation of solid and fine-stranded conductors. WAGO pluggable installation connectors can be used when criteria repeat or are distributed on a specified pattern, for example for installing grid lighting or flushmount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. B coding enables the WINSTA® MINI pluggable installation connectors to be used for application control in automation, mechanical engineering and robotics. Thanks to its particularly minimal dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very tight spaces, i.e., for connections when very little room is available. According to the European CPR, the fire class of the cables used in construction is decisive for building safety, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

### Fast, secure pluggable connections - cable assemblies from WAGO

A socket and a plug are available. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose quality and durability – the *WINSTA®* MINI pluggable installation connector with marking from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismating eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm²
- for automation controllers
- ready to install and use immediately
- convenient installation and commissioning

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

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# Data Notes

Note

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

Variants:

Other pole markings
Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

#### Electrical data

Note on contact resistance approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  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	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 potentials	4
Conductor preparation	ultrasonically tip-bonded

#### Connection 1

Number of poles	4
Sheathed cable diameter	7.1 9 mm
Wire cross-section	1 mm²
Connection type	Socket - Plug

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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	4 m

#### Mechanical data

Application	Control technology
Coding	В
Variable coding	No
Marking	1 2 3 4
Potential Marking	1 2 3 4
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	Control line 4 x 1
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	light green	
Insulation material	Polyamide (PA66)	
Fire class per EN 50575	E <sub>ca</sub>	
Contact material	Copper or copper alloy; surface-treated	

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

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Fire load	0.158 MJ
Connector color	light green
Printing color of mating face	black
Strain relief color	black
Sheathed cable color	gray
Printing color of sheathed cable	black
Halogen-free	No
Sheath material	PVC
Weight	338.6 g
Copper weight of the pipe	0.038 kg/m

## **Environmental requirements**

Processing temperature	-5 +40 ℃
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	4055143516143
Customs tariff number VKOrg Germany	85444290900

## Required accessories

Locking levers

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

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

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### Optional accessories

М	OΙ	ın	tir	ng

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

Cover

Other



Item no.: 897-2003

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

www.wago.com/897-2003

# **Downloads**

#### **Documentation**

#### **Bid Text**

891-8994/005-405 X81 - Datei	2019 Feb 19	xml 3.0 kB	Download
891-8994/005-405 doc - Datei	2015 Jun 2	doc 25.6 kB	Download

# **Environmental Product Compliance**

#### Compliance Search

Environmental Product Compliance 891-8994/005-405 pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. B; Control cable  $4 \times 1.0 \text{ mm}^2$ ; 4 m; 1,00 mm²; light green

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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