



Item description

Cable assembly WINSTA® MINI rated current 13 A

The WINSTA® MINI cable assembly with protection against mismatching is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in next to no time. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. WINSTA® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since due to LED technology, these offer significantly less space for the connection technology. This product meets all the relevant safety requirements of fire class E; thus it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are provided. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® MINI pluggable installation connectors with strain relief hosting from WAGO.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for a large number of uses
- custom-engineered solutions
- quick replacement of defective units during ongoing operation

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

Data Notes

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

Electrical data

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ 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) △ 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

Number of poles	5
Sheathed cable diameter	9.3 ... 11.6 mm
Wire cross-section	1.5 mm ²
Connection type	Socket - Plug

Physical data

Pin spacing	4.4 mm / 0.173 inch
Total length	1 m

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

Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	N $\frac{1}{2}$ 1 2 3
Potential Marking	N $\frac{1}{2}$ 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	Socket - Plug
Type of pre-assembled cable	Interconnecting 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
Fire load	29.886 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Sheathed cable color	black

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

Printing color of sheathed cable	white
Halogen-free	No
Sheath material	PVC
Weight	175.4 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	4055143386494
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

Counterpart

Item no.890-115

Plug; with strain relief housing; 5-pole; 1,50 mm²; black

www.wago.com/890-115

Item no.890-105

Socket; with strain relief housing; 5-pole; Cod. A; 1,50 mm²; black

www.wago.com/890-105

Item no.890-215

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

Plug; 5-pole; 1,50 mm ² ; black	www.wago.com/890-215
Item no.890-621 T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 2 locking levers; black	www.wago.com/890-621
Item no.890-622 T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black	www.wago.com/890-622
Item no.890-205 Socket; 5-pole; Cod. A; 1,50 mm ² ; black	www.wago.com/890-205
Item no.890-705 WINSTA® through-panel socket (female); MINI; snap-in; N/G/1/2/3 marking; 5-pole; black	www.wago.com/890-705
Item no.890-705/006-000 WINSTA® through-panel socket (female); MINI; snap-in; N/G/1/2/3 marking; 5-pole; black; without locking latch	www.wago.com/890-705/006-000
Item no.890-715 WINSTA® through-panel plug (male); MINI; snap-in; N/G/1/2/3 marking; 5-pole; black	www.wago.com/890-715
Item no.890-805 Socket for PCBs; straight; 5-pole; Cod. A; black	www.wago.com/890-805
Item no.890-805/011-000 Socket for PCBs; angled; 5-pole; Cod. A; black	www.wago.com/890-805/011-000
Item no.890-815/011-000 Plug for PCBs; angled; 5-pole; Cod. A; black	www.wago.com/890-815/011-000
Item no.890-815 Plug for PCBs; straight; 5-pole; Cod. A; black	www.wago.com/890-815
Item no.890-930 h-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 3 locking levers; for flying leads; black	www.wago.com/890-930
Item no.890-929 h-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black	www.wago.com/890-929

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

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

Optional accessories

Mounting

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

891-8995/006-101

2019 Feb 19

xml

Download

X81 - Datei

3.0 kB

891-8995/006-101

2014 Dec 1

doc

Download

doc - Datei

25.1 kB

CAD files

CAD data

2D/3D Models 891-8995/006-101

URL

Download

CAE data

WSCAD Universe 891-8995/006-101

URL

Download

ZUKEN Portal 891-8995/006-101

URL

Download

WSCAD Universe 891-8995/006-101

URL

Download

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.

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 891-8995/006-101

URL

Download

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G
1.5 mm²; 1 m; 1,50 mm²; black

Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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.