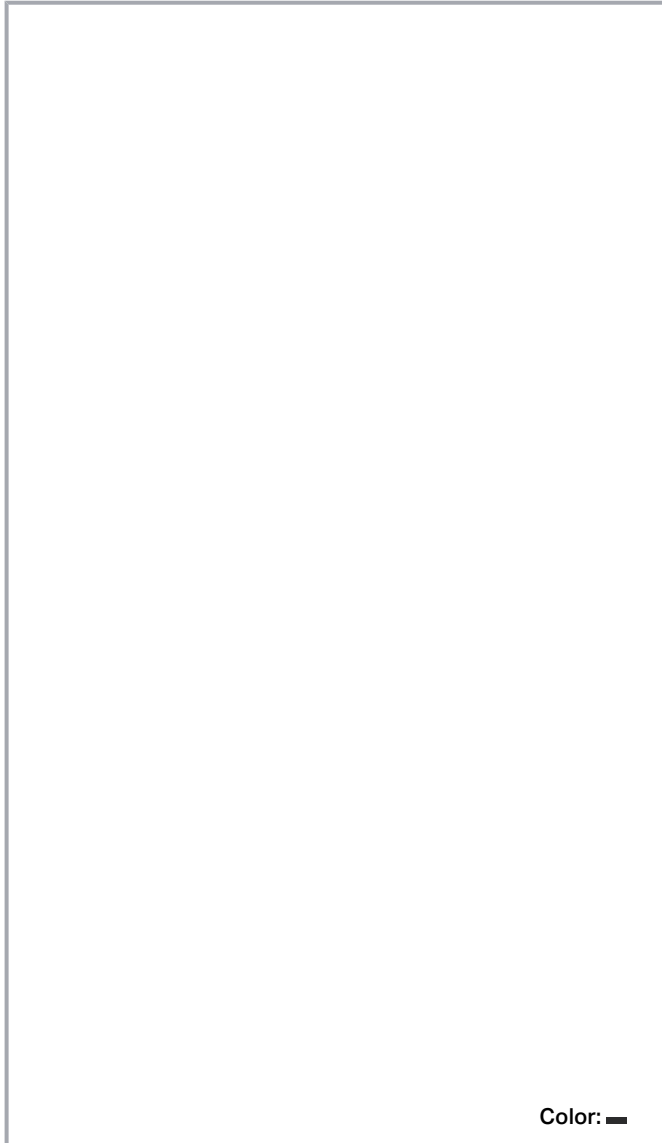


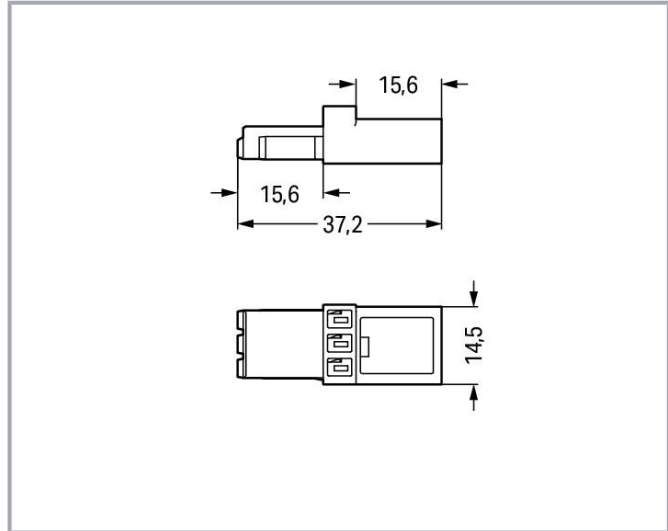
**Data sheet | Item number: 890-603**

Intermediate coupler; 3-pole; Cod. A; for sockets and plugs; black

[www.wago.com/890-603](http://www.wago.com/890-603)



Color: ■



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

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## Item description

### Distribution connector *WINSTA*® MINI with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI distribution connector A coding. Our pluggable installation connectors with spring pressure connection technology function without screw connections. They allow fast, efficient, error-free installation in a large number of applications.

For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. Standard mains applications for almost any domain of use can be realised with *WINSTA*® MINI pluggable installation connectors with A coding. Particularly where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its strengths. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the installation is low-maintenance and requires no screw connections.

### Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® MINI

The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – the *WINSTA*® MINI pluggable installation connector with protection type IP20 from WAGO makes the electrical installation of electrical components noticeably easier.

- pluggable installation connectors with protection against mismatching
- easy tool-free operation, a wide range of coding options
- with A coding for use in a large number of general mains applications
- flexible installation to save space
- quick replacement of defective units during ongoing operation

## Data

### Notes

Note	At least one snap-in connector <b>without</b> a locking lever is required on one side when connecting two lights directly via intermediate coupler.
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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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Subject to changes. Please also observe the further product documentation!



## Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

## Ratings per UL

Hinweis für den amerikanischen Markt	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.
Rated voltage UL 1977	600 V
Rated current UL 1977	14 A

## Connection data

Total number of potentials	3
----------------------------	---

## Connection 1

Pole No.	3
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## Physical data

Pin spacing	4.4 mm / 0.173 inch
Width	14.5 mm / 0.571 inch
Height	10.5 mm / 0.413 inch
Depth	37.2 mm / 1.465 inch

## Mechanical data

Application	General mains applications
Coding	A
Variable coding	Nein
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Distributor type	Intermediate coupler

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Protection class	IP20; IP40 when mated
------------------	-----------------------

## Plug-in connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Note on mismating protection	All WINSTA <sup>®</sup> 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	yes
Locking of plug-in connection	locking lever
Hinweis zur Verriegelung	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

## Material data

Note on material data	Information on material data can be found here
Color	black
Insulation material	Polyamide (PA66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.059 MJ
Weight	3.5 g

## Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

## Commercial data

Product Group	20 (WINSTA)
PU (SPU)	50 Stück
Packaging type	box
Country of origin	PL
GTIN	4050821295426

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Customs tariff number


85366990990

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 61535	71-11299
	<b>CCA</b> DEKRA Certification B.V.	IEC 61535	NL-64352

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	Steel Vessel Rules	19-HG1869855-PDA
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>cULus</b> Underwriters Laboratories Inc.	UL 1977	E45171

## Downloads

### Documentation

#### Bid Text

890-603 X81 - Datei	19-Feb-2019	xml 2.8 kB	Download
890-603 doc - Datei	30-Nov-2018	doc 23.6 kB	Download

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

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## CAD/CAE-Data

### CAE data

WSCAD Universe 890-603	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 890-603	<a href="#">URL</a>	<a href="#">Download</a>

### CAD data

2D/3D Models 890-603	<a href="#">URL</a>	<a href="#">Download</a>
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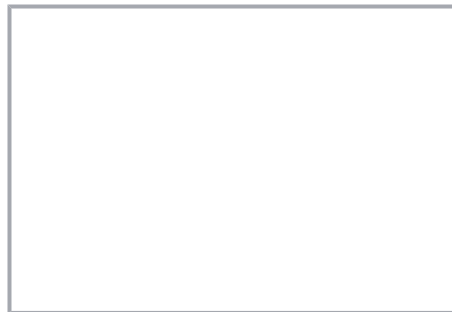
## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 890-603	<a href="#">URL</a>	<a href="#">Download</a>
Intermediate coupler; 3-pole; Cod. A; for sockets and plugs; black		

## Installation Notes

### Installation



Secure the mounting plate via pins.

## Product family

### WINSTA® MINI

[Show all products from the family](#)

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