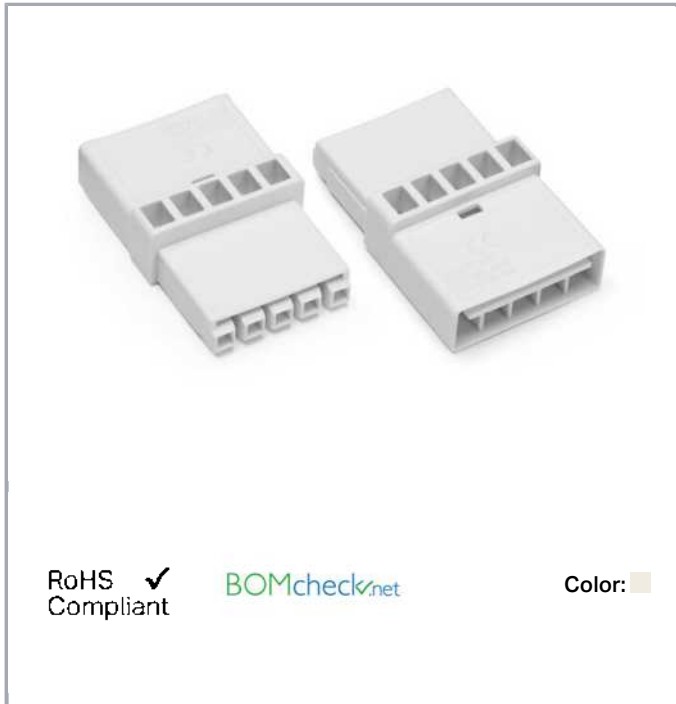


## Data sheet | Item number: 890-655

Intermediate coupler; 5-pole; Cod. A; for sockets and plugs; white

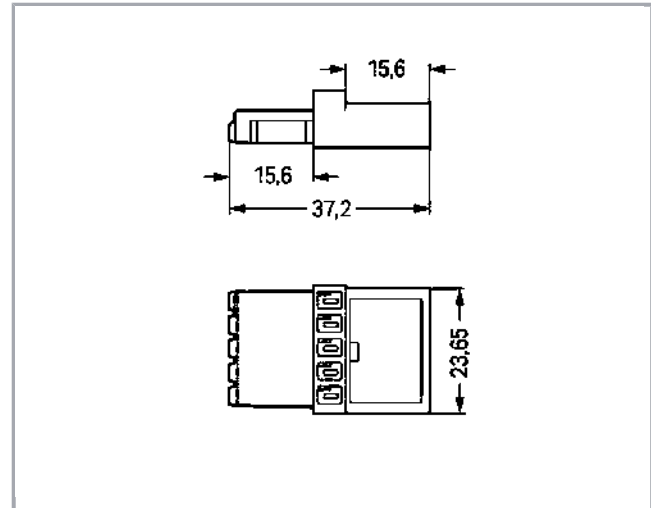
[www.wago.com/890-655](http://www.wago.com/890-655)



RoHS   
Compliant



Color: 



### Item description

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

#### Note:

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).

#### Note:

At least one snap-in connector **without** a locking lever is required on one side when connecting two lights directly via intermediate coupler.

#### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

**Safety information 1:**

Application note for the U.S. market (USR): 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.

**Data****Electrical data**

Note on Contact Resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
----------------------------	---

**Ratings per IEC/EN 60664-1**

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

**Approvals per UL 1977**

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	12 A

**Connection data**

No. of poles	5
Total number of potentials	5

**Geometrical Data**

Pin spacing	4,4 mm / 0.173 inch
Width	23,65 mm / 0.931 inch
Height	10,5 mm / 0.413 inch
Depth	37,2 mm / 1.465 inch

**Mechanical data**

Coding	A
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	when unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load

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

100, with resistive load  $I_N = 16$  A, tested (1.5mm<sup>2</sup>/AWG 16)

Type of distribution connector	Intermediate coupler
Protection class	IP20
Note on protection class	IP40 when mated
Application	General mains applications

## Plug connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

## Material Data

Color	white
Insulating material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	0.094 MJ
Weight	5.8 g

## Environmental Requirements

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

## Commercial data

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	PL
GTIN	4050821295464
Customs Tariff No.	85366990990

## Approvals / Certificates


### Country specific Approvals

Certificate


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Logo	Approval	Additional Approval Text	name
	<b>CCA</b> DEKRA Certification B.V.	EN 61535	71- 102984

## 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
	<b>LR</b> Lloyds Register	EN 61535	08/20047 (E2)

## UL-Approvals

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

## Counterpart



Item no.890-725/006-000

Snap-in socket; without locking lever; 5-pole; Cod. A; 1,50 mm<sup>2</sup>; white[www.wago.com/890-725/006-000](http://www.wago.com/890-725/006-000)

## Downloads

## Documentation

## Bid Text

890-655	Feb 19, 2019	xml	Download
GAEB X81 - Datei		2.8 kB	

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890-655

doc - Datei

Nov 30, 2018

doc  
23.6 kB

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## CAD/CAE-Data

### CAD data

2D/3D Models 890-655

[URL](#)

[Download](#)

### CAE data

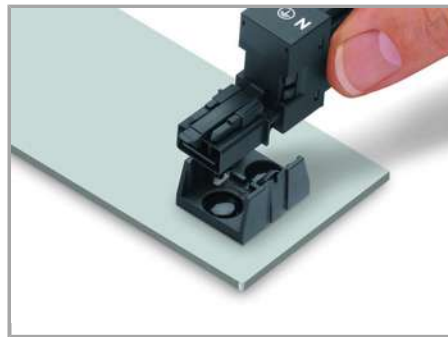
WSCAD Universe 890-655

[URL](#)

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## Installation Notes

### Installation



Secure the mounting plate via pins.

## Product family

**<i>WINSTA</i>® MINI**

[Show all products from the family](#)

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