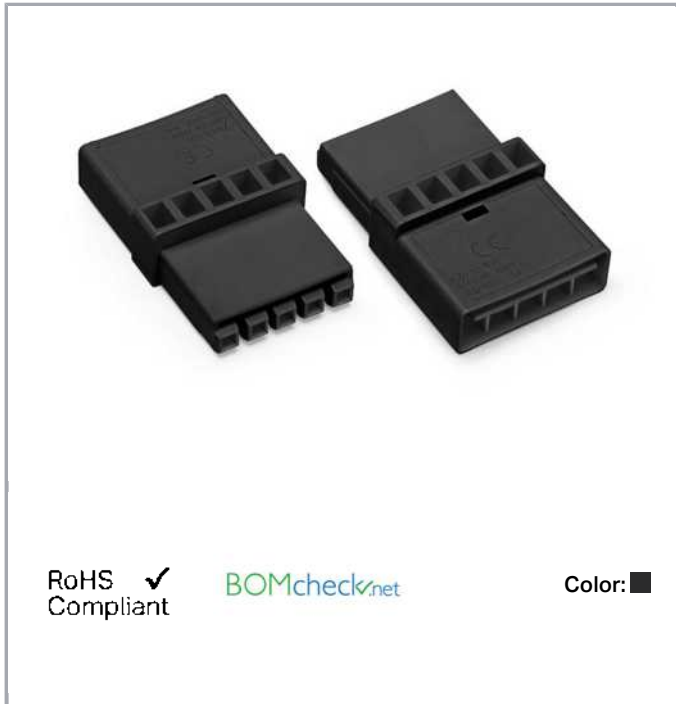


Data sheet | Item number: 890-605

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

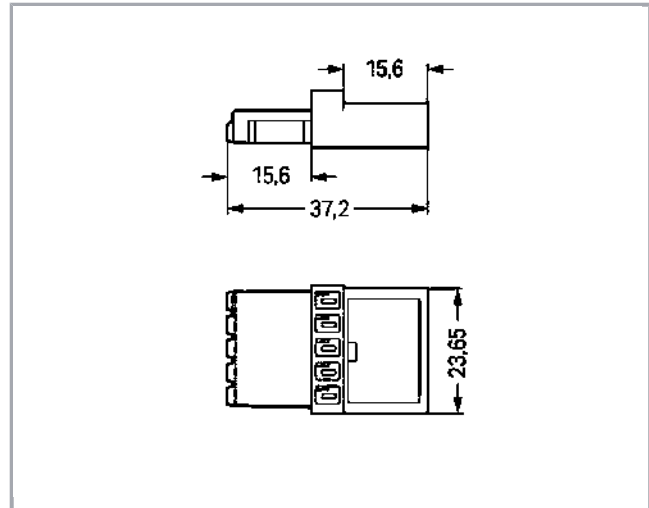
www.wago.com/890-605



RoHS
Compliant

BOMcheck.net

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[®] 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!

WAGO Kontakttechnik GmbH & Co. KG
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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
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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 (1.5mm²/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	black
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	4050821295433
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals


Certificate

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

Ship Approvals

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171

Counterpart



Item no.890-705/006-000

Snap-in socket; without locking lever; 5-pole; Cod. A; 1,50 mm²; black

www.wago.com/890-705/006-000

Downloads Documentation

Bid Text

890-605 GAEB X81 - Datei	Feb 19, 2019	xml 2.8 kB	Download
890-605 doc - Datei	Nov 30, 2018	doc 23.6 kB	Download

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CAD/CAE-Data

CAD data

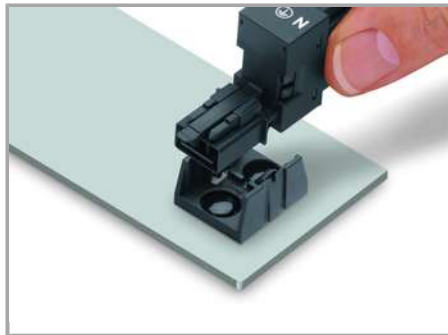
2D/3D Models 890-605	URL	Download
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CAE data

WSCAD Universe 890-605	URL	Download
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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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