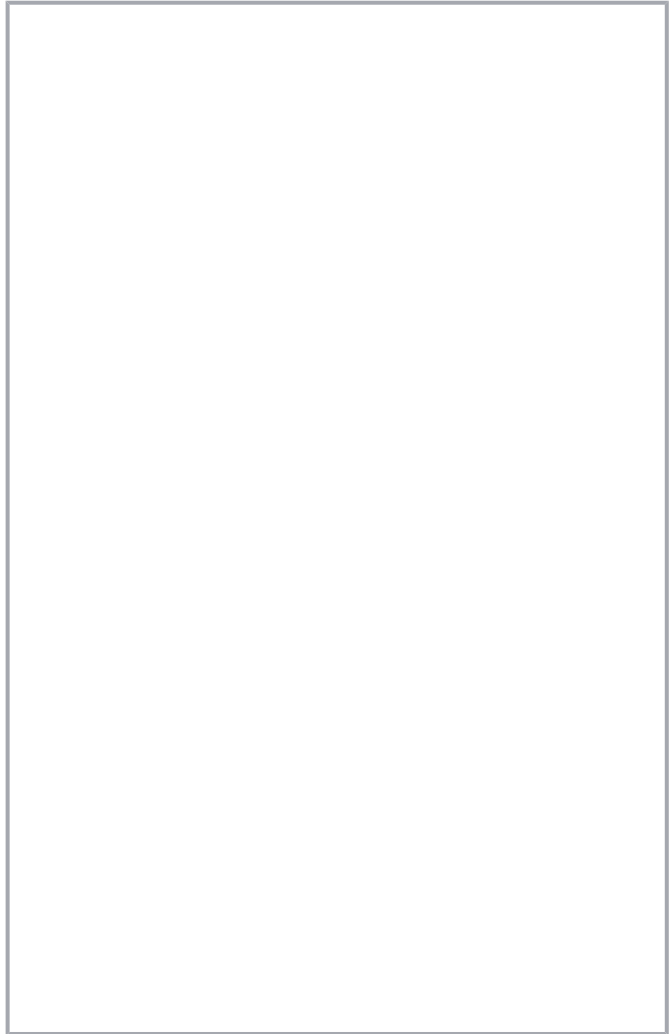


Data sheet | Item number: 890-605

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

www.wago.com/890-605



Color:

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

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We are always happy to take your call at +49 (571) 887-44222.



Item description

Distribution connector *WINSTA*® MINI with protection type IP20

The *WINSTA*® MINI distribution connector rated current 16 A supports rapid, correct installation. WAGO pluggable installation connectors are used when requirements repeat or are planned on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. The *WINSTA*® MINI pluggable installation connector with A coding in black or white is usually used for general mains applications in power distribution. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology.

WINSTA® MINI solutions for your electrical installation – protected against mismatching and maintenance-free

The *WINSTA*® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with locking lever from WAGO.

- pluggable installation connectors with protection against mismatching
- consistent IP40 protection
- for any mains application
- exact dimensions
- rapid, structured electrical installation

Data

Notes

Note	At least one snap-in connector WITHOUT a locking lever is required on one side when connecting two lights directly via intermediate coupler.
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Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V

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Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

Ratings per UL 1977

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.
Rated voltage (UL 1977)	600 V
Rated current UL 1977	12 A

General information

Note on contact resistance	approx. 1 m Ω of contact resistance approx. 0.25 m Ω contact transition plug/socket
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Connection data

Total number of potentials	5
----------------------------	---

Connection 1

Pole number	5
-------------	---

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	23.65 mm / 0.931 inches
Height	10.5 mm / 0.413 inches
Depth	37.2 mm / 1.465 inches

Mechanical Data

Application	General mains applications
Coding	A
Variable coding	No
Marking	plain
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)

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



Number of mating cycles	200, without resistive load
Type of distribution box	Intermediate coupler
Protection type	IP20; IP40 when mated

Plug-in connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> [®] 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
Note on locking system	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 (material data)	Information on material specifications can be found here
Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
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 operating temperature	Insulating parts for temperatures ≤ 105 °C

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



Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	50 pcs
Packaging type	box
Country of origin	PL
GTIN	4050821295433
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 61535	NL-85020
	CCA DEKRA Certification B.V.	EN 61535	71- 123231
	cURus Underwriters Laboratories Inc.	UL 1977	E45171

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	Steel Vessel Rules	19- HG1869855-

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PDA

DNV GL

Det Norske Veritas, Germanischer Lloyd

TAE00001Z6

Counterpart

Item no.890-705/006-000

Snap-in socket; without locking lever; 5-pole; Cod. A; 1,50 mm²; blackwww.wago.com/890-705/006-000

Downloads

Documentation

Bid Text

890-605 X81 - Datei	2019 年2月19日	xml 2.8 kB	Download
890-605 doc - Datei	2018 年11月30日	doc 23.6 kB	Download

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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ZUKEN Portal 890-605	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-605 Intermediate coupler; 5-pole; Cod. A; for sockets and plugs; black	URL	Download
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Installation Notes

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

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Installation



Secure the mounting plate via pins.

Product family

WINSTA® MINI

[Show all products from the family](#)

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