

## Item description

### WINSTA® Boxen with protection type IP20

Realize the energy supply easily and quickly: The distribution box from the *WINSTA®* Boxen product line with a current rating of 20 A is the product of your choice for error-free electrical installation. With WAGO, you benefit from a large selection of accessories for the *WINSTA®* product line. For greater protection in electrical installations, the distribution box is provided with mechanical protection against mismatching. The distribution box is

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

WAGO Corporation  
Germantown, WI 53022  
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protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with electrified elements. I coding in blue is used to label WINSTA® Boxen, which are used primarily in automation of buildings for controlling lighting. Important parameters in the selection of a distribution box are the rated current and voltage: They provide information about possible domains of use and applications. This product has a current rating of 20 A – so it is also suitable for high power loads.

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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Enjoy the benefits of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® Boxen with protection type IP20 from WAGO.

- protection against mismatching eliminates errors
- intuitive distribution box marking
- cost savings – reduction of on-site waste
- with I coding for use in building automation (lighting control)
- quick replacement of defective units during ongoing operation

## Data

### Electrical data

Note on contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition (plug/socket)
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### IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated current	20 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Physical data

Width	190 mm / 7.48 inch
Height	30 mm / 1.181 inch
Depth	145 mm / 5.709 inch

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## Mechanical data

Internal wiring	2.5 mm <sup>2</sup>
Application	DALI, Lichtmanagement
Coding	I
Mounting type	Wall, screw mount Installation on mounting plate
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

## 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 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)
Contact material	Copper or copper alloy; surface-treated
Fire load	18.3 MJ
Weight	370 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

PU (SPU)	1 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4055143296205
Customs tariff number VKOrg Germany	85366990990

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## Counterpart


**Item no.770-1105**

 Socket; 5-pole; Cod. I; 4,00 mm<sup>2</sup>; blue

[www.wago.com/770-1105](http://www.wago.com/770-1105)

**Item no.770-1105/022-000**

 Socket; with strain relief housing; 5-pole; Cod. I; 4,00 mm<sup>2</sup>; blue

[www.wago.com/770-1105/022-000](http://www.wago.com/770-1105/022-000)

**Item no.770-1115**

 Plug; 5-pole; 4,00 mm<sup>2</sup>; blue

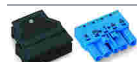
[www.wago.com/770-1115](http://www.wago.com/770-1115)
**Item no.771-9985/106-101**

 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue

[www.wago.com/771-9985/106-101](http://www.wago.com/771-9985/106-101)

**Item no.771-9985/006-101**

 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue

[www.wago.com/771-9985/006-101](http://www.wago.com/771-9985/006-101)

**Item no.770-1115/022-000**

 Plug; with strain relief housing; 5-pole; 4,00 mm<sup>2</sup>; blue

[www.wago.com/770-1115/022-000](http://www.wago.com/770-1115/022-000)

**Item no.771-9985/206-101**

 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue

[www.wago.com/771-9985/206-101](http://www.wago.com/771-9985/206-101)

## Optional accessories

### Mounting

#### Mounting accessories

**Item no.: 770-680**

Mounting plate; for distribution boxes

[www.wago.com/770-680](http://www.wago.com/770-680)

## Installation Notes

### Installation



Securing the mounting plate with WINSTA<sup>®</sup>  
Distribution Box to the wall (e.g., via stud gun).

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



## Product family

### WINSTA® boxes

WINSTA® ist das Steckverbindersystem, das optimal auf die hohen Anforderungen in der Gebäudeinstallation zugeschnitten ist. Es macht die Elektroinstallation steckbar und dadurch schnell, sicher und fehlerfrei. Dies gilt auch in weiteren Anwendungen wie z. B. im Schiffbau, in der Bahntechnik oder in der Industrie.

[Show all products from the family](#)

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