

Item description

Distribution box *WINSTA*® with protection against mismatching

Implement the electrical installation effortlessly: The distribution box from the *WINSTA*® product line with protection type IP20 is the product of your choice for error-free electrical installation. A comprehensive range of accessories complements the *WINSTA*® product line from WAGO. For greater security in electrical installations, the distribution box is provided with mechanical protection against mismatching. The distribution box is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). I coding in blue is used to identify *WINSTA*® distribution boxes, which are used predominantly in building automation for controlling lighting. The rated current and voltage are important criteria for selecting a distribution box: They tell us about the product's domains of use. This product has a current rating of 25 A – as a result it is also suitable for robust loads.

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

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



WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose quality and durability – the WINSTA® distribution box with protection type IP20 from WAGO makes the installation of electrical components visibly easier.

-
- distribution boxes with protection against mismatching
- clear slot identification for easy commissioning
- saves time, since no wiring is required at the construction site
- for lighting management
- convenient installation and commissioning

Data

Electrical data

Ratings per IEC/EN

| | |
|-------------------------------|---|
| Ratings per | IEC/EN 60664-1 |
| Nominal voltage (III/3) | 250 V |
| Rated impulse voltage (III/3) | 4 kV |
| Rated current | 25 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

General

| | |
|----------------------------|---|
| Note on contact resistance | approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition (plug/socket) |
|----------------------------|---|

Physical data

| | |
|--------|-----------------------|
| Width | 190 mm / 7.48 inches |
| Height | 30 mm / 1.181 inches |
| Depth | 145 mm / 5.709 inches |

Mechanical Data

| | |
|-----------------|---------------------------|
| Internal wiring | 2.5 mm ² |
| Application | DALI, Lighting Management |
| Coding | I |
| Mounting type | Wall, screw mount |

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.



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 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

81.197 MJ

Weight

424.5 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

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)

1 pcs

Packaging type

box

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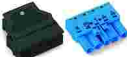




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| | |
|-----------------------|---------------|
| Country of origin | DE |
| GTIN | 4055143271721 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Counterpart

| | | |
|--|---|--|
|  | Item no. 770-1105 Socket; 5-pole; Cod. I; 4,00 mm ² ; blue | www.wago.com/770-1105 |
|  | Item no. 770-1105/022-000 Socket; with strain relief housing; 5-pole; Cod. I; 4,00 mm ² ; blue | www.wago.com/770-1105/022-000 |
|  | Item no. 770-1115/022-000 Plug; with strain relief housing; 5-pole; Cod. I; 4,00 mm ² ; blue | www.wago.com/770-1115/022-000 |
|  | Item no. 770-1115 Plug; 5-pole; 4,00 mm ² ; blue | www.wago.com/770-1115 |
|  | Item no. 771-9985/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/771-9985/006-101 |
|  | Item no. 771-9985/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/771-9985/106-101 |
|  | Item no. 771-9985/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm ² ; 1 m; 1,50 mm ² ; blue | www.wago.com/771-9985/206-101 |

Optional accessories

Mounting

| | | |
|--|--|--|
| Mounting accessories | | |
|  | Item no.: 899-680 Mounting plate; for distribution boxes; gray | www.wago.com/899-680 |

Downloads

Documentation

Bid Text

| | | | |
|-----------------|-------------|--------|----------|
| 899-631/313-000 | 2019 Feb 19 | xml | Download |
| X81 - Datei | | 3.5 kB | |

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

899-631/313-000

2015 Mar 11

doc
26.1 kB

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doc - Datei

CAD/CAE-Data

CAD data

2D/3D Models 899-631/313-000

URL

Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 899-631/313-000

URL

Download

Distribution box; DALI; 1 input; 5 outputs; Cod. I; MIDI; black

Installation Notes

Installation



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

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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