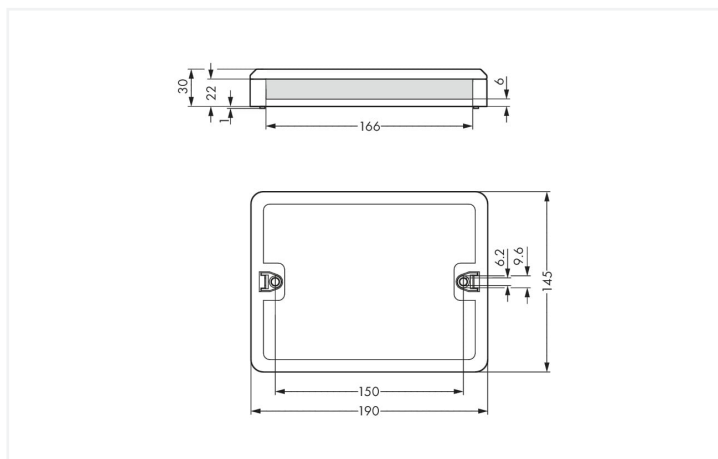
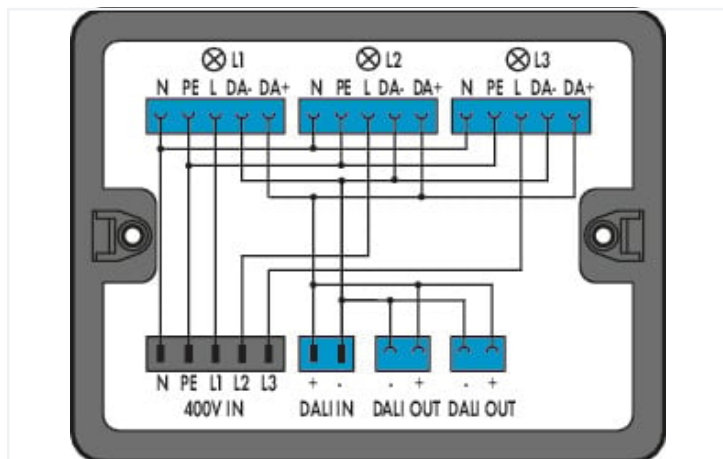


# Data Sheet | Item Number: 899-631/455-000

Distribution box; 400 V + DALI; 2 inputs; 5 outputs; Cod. A, I; MINI, MIDI; black

<https://www.wago.com/899-631/455-000>



Color: ■ black

Dimensions in mm

Distribution box WINSTA® with protection type IP20

The distribution box from the WINSTA® product line with protection against mismatching guarantees you the maximum flexibility in electrical installation. You can rely on the level of quality of WINSTA® components from WAGO for your electrical installation accessories too. The color coding and mechanical coding of the distribution box ensure error-free installation of the individual components – including protection against mismatching. The distribution box is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with live contact elements. Standard mains applications for almost any domain of use can be realised with WINSTA® distribution boxes with A coding. Important parameters in the selection of a distribution box are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 20 A – so it is also suitable for high power loads.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also reduce installation costs without compromising quality and safety: with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- distribution boxes with protection against mismatching
- intuitive distribution box marking
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in a large number of general mains applications
- convenient installation and commissioning

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	400 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	20 A	-	-

Ratings per IEC/EN 2	
Rated voltage (III/3) 2	250 V
Rated surge voltage (III/3) 2	4 kV
Rated current 2	16 A

## General information

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

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

### Mechanical data

Internal wiring	1.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Application	DALI, Lighting Management
Coding	A
Coding 2	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 <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 of plug-in connection	Locking lever

### Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	24.445 MJ
Weight	390 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
Country of origin	DE
GTIN	4055143306096
Customs tariff number	85366990990

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 899-631/455-000	↓








**Documentation**

<b>Bid Text</b>			
899-631/455-000	19.02.2019	xml 3.60 KB	↓
899-631/455-000	11.03.2015	doc 27.00 KB	↓






**1 Compatible Products**

**1.1 System counterpart**

**1.1.1 Cable assembly**

 <p><b>Item No.: 891-8982/206-101</b> pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue</p>	 <p><b>Item No.: 771-9995/206-101</b> pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. A; H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black</p>	 <p><b>Item No.: 771-9985/206-101</b> 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</p>	 <p><b>Item No.: 891-8982/106-101</b> pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue</p>
 <p><b>Item No.: 891-8982/006-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; blue</p>	 <p><b>Item No.: 771-9995/006-101</b> pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. A; H05VV-F 5G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black</p>	 <p><b>Item No.: 771-9985/006-101</b> 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</p>	

**1.1.2 Female connector/socket**

 <p><b>Item No.: 890-1102</b> Socket; 2-pole; Cod. I; 1,50 mm<sup>2</sup>; blue</p>	 <p><b>Item No.: 770-205</b> Socket; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black</p>	 <p><b>Item No.: 770-405</b> Socket; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black</p>	 <p><b>Item No.: 770-105</b> Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black</p>
 <p><b>Item No.: 770-305</b> Socket; with strain relief housing; 5-pole; Cod. A; 4,00 mm<sup>2</sup>; black</p>			

### 1.1.3 Male connector/plug



**Item No.:** 890-1112

Plug; 2-pole; Cod. I; 1,50 mm<sup>2</sup>; blue



**Item No.:** 770-1115

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



**Item No.:** 770-1115/022-000

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

## 1.2 Optional Accessories

### 1.2.1 Installation

#### 1.2.1.1 Mounting accessories



**Item No.:** 899-680

Mounting plate; for distribution boxes; gray

## Installation Notes

### Installation

