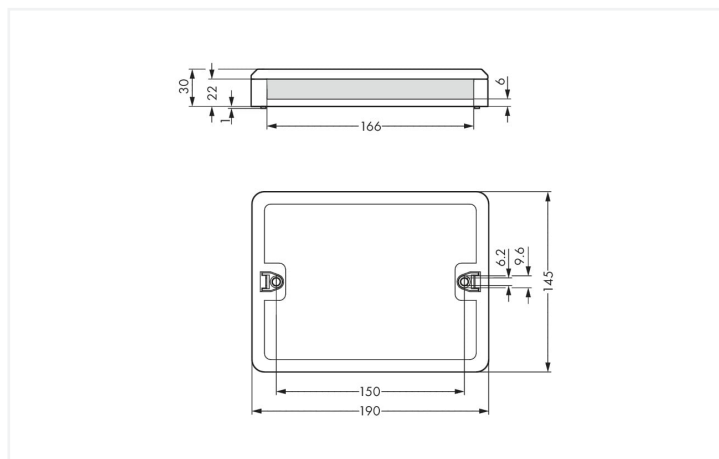
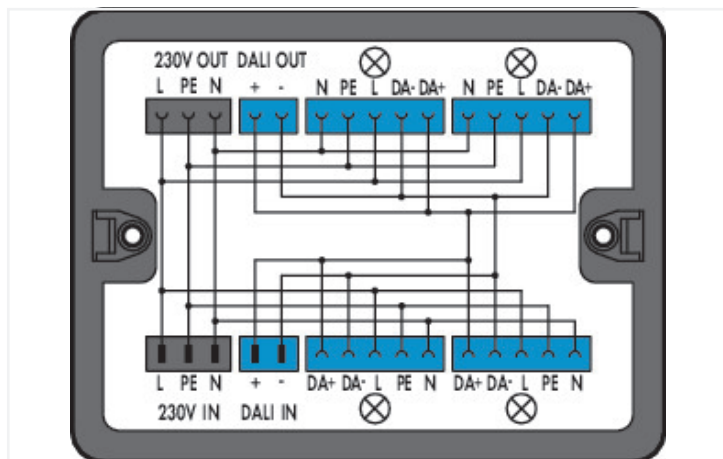


Data Sheet | Item Number: 899-631/181-000

Distribution box; 230 V + DALI; 2 inputs; 6 outputs; Cod. A, I; MINI, MIDI; black

<https://www.wago.com/899-631/181-000>



Color: ■ black

Dimensions in mm

Distribution box WINSTA® with protection against mismatching

Thanks to the distribution box from the WINSTA® product line with A coding, zero-defect installation is guaranteed. With WAGO, you benefit from a large selection of accessories for the WINSTA® product line. The mechanical coding and color coding of the distribution box ensure error-free installation of the individual components – including protection against mismatching. The distribution box offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Standard mains applications for almost any domain of use can be realised with WINSTA® distribution boxes with A coding. This distribution box can be used for electrical currents up to 25 A. Thus the product is especially suitable for high power loads.

WINSTA® 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 consequently faster, even more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Choose quality and durability – with protection type IP20 from WAGO makes the electrical installation of electrical components noticeably easier.

- distribution boxes with protection against mismatching
- intuitive marking
- saves time, since no wiring is required at the construction site
- with A coding for use in a large number of general mains applications
- rapid, structured electrical installation

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	25 A	-	-

Ratings per IEC/EN 2	
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 ² 4 mm ²
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)	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	15.657 MJ
Weight	391.1 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	4055143293037
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 899-631/181-000	↓
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Documentation

Bid Text

899-631/181-000	19.02.2019	xml 3.57 KB	↓
899-631/181-000	11.03.2015	doc 26.00 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 899-631/181-000	↓
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CAE data

ZUKEN Portal 899-631/181-000	↓
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1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly

 <p>Item No.: 891-8982/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm²; 1 m; 1,50 mm²; blue</p>	 <p>Item No.: 771-9993/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black</p>	 <p>Item No.: 771-9985/206-101 pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue</p>	 <p>Item No.: 891-8982/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm²; 1 m; 1,50 mm²; blue</p>
 <p>Item No.: 771-9993/106-101 pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black</p>	 <p>Item No.: 891-8982/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. I; H05VV-F 2 x 1.5 mm²; 1 m; 1,50 mm²; blue</p>	 <p>Item No.: 771-9993/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F 3G 1.5 mm²; 1 m; 1,50 mm²; black</p>	 <p>Item No.: 771-9985/006-101 pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. I; H05VV-F 5G 1.5 mm²; 1 m; 1,50 mm²; blue</p>

1.1.2 Female connector/socket

 <p>Item No.: 890-1102 Socket; 2-pole; Cod. I; 1,50 mm²; blue</p>	 <p>Item No.: 770-203 Socket; 3-pole; Cod. A; 4,00 mm²; black</p>	 <p>Item No.: 770-103 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black</p>	 <p>Item No.: 770-203/035-000 Socket; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black</p>
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1.1.3 Male connector/plug



Item No.: 890-1112

Plug; 2-pole; Cod. I; 1,50 mm²; blue



Item No.: 770-213

Plug; 3-pole; Cod. A; 4,00 mm²; black



Item No.: 770-1115

Plug; 5-pole; 4,00 mm²; blue



Item No.: 770-113

Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black



Item No.: 770-213/035-000

Plug; with strain relief housing; 3-pole; Cod. A; 4,00 mm²; black



Item No.: 770-1115/022-000

Plug; with strain relief housing; 5-pole; Cod. I; 4,00 mm²; 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

