

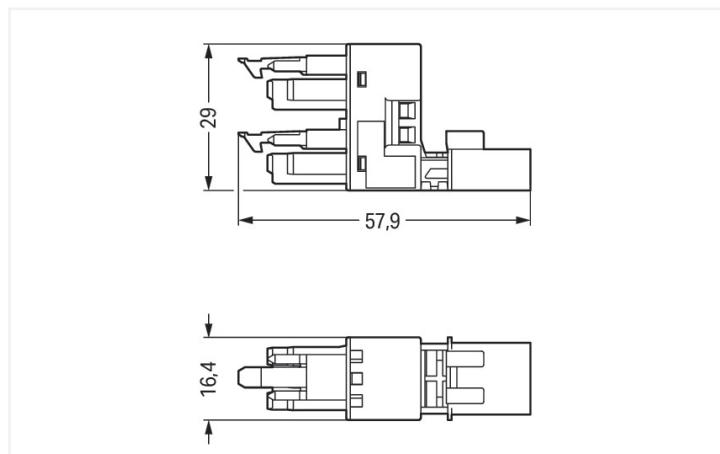
Data Sheet | Item Number: 890-634

h-distribution connector; 3-pole; Cod. A; 1 input; 2 outputs; outputs on one side; 2 locking levers; black

<https://www.wago.com/890-634>



Color: ■ black



Dimensions in mm

Distribution connector WINSTA® MINI A coding

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI distribution connector with protection type IP20. Our pluggable installation connectors with spring pressure connection technology work entirely without screw connections. They allow flexible, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. Thanks to the color coding and mechanical A coding of WINSTA® MINI pluggable installation connectors, you can clearly distinguish different circuits. Thanks to its particularly compact dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is especially suitable in very restricted spaces, i.e., for connections when very little room is available.

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

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

- pluggable installation connectors with protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in a large number of general mains applications
- exact dimensions
- convenient installation and commissioning

Notes

General safety information

1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100).
2. Do not install while energized or under load.
3. Use only for its intended purpose.
4. Observe applicable national regulations, standards and directives.
5. Observe the technical specifications of the products.
6. Ensure correct polarity assignment.
7. Do not use damaged or contaminated components.
8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters.
9. Insert conductors up to the stop.
10. Use only with locking lever and strain relief.
11. Use original accessories only.

To be sold only with installation instructions!



Electrical data

Ratings per IEC/EN 60664-1				Approvals per UL 1977	
Overvoltage category	III	III	II	Rated voltage	600 V
Pollution degree	3	2	2	Rated current	14 A
Nominal voltage	250 V	-	-		
Rated impulse withstand voltage	4 kV	-	-		
Rated current	16 A	-	-		

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection Data

Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Pole number	3

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	16.4 mm / 0.646 inches
Height	29 mm / 1.142 inches
Depth	57.85 mm / 2.278 inches

Mechanical data

Use	General mains applications
Coding	A
Variable coding	No
Marking	L ⊕ N
Potential marking	L ⊕ N
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)
Number of mating cycles	200, without resistive load
Type of distribution box	h-distribution connector, outputs at one end
Protection type	IP20; IP40 when mated

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 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).
Number of locking levers	2

Material data		
Note (material data)		Information on material specifications can be found here
Color		black
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Contact material		Copper or copper alloy; surface-treated
Contact Plating		Tin
Fire load		0.217 MJ
Weight		13.4 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		
Product Group		20 (Winsta)
PU (SPU)		50 pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454404475
Customs tariff number		85366990990

Product Classification		
UNSPSC		39121402
eCl@ss 10.0		27-44-06-03
eCl@ss 9.0		27-44-06-03
ETIM 9.0		EC002567
ETIM 10.0		EC002567
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
 					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	71-123231	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	IEC 61535	NL-85020	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
cURus Underwriters Laboratories Inc.	UL 1977	E45171			



Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	Steel Vessel Rules	24-0095973-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001Z6
LR Lloyds Register	EN 61535	LR23317167TA
PRS Polski Rejestr Statków	-	TE/1096/880590/23

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 890-634

Documentation

Bid Text			
890-634	19.02.2019	xml 2.78 KB	↓
890-634	30.11.2018	doc 22.50 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 890-634

CAE data
EPLAN Data Portal 890-634
WSCAD Universe 890-634
ZUKEN Portal 890-634

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 891-8993/205-101
pre-assembled connecting cable; Eca; Plug/
open-ended; 3-pole; Cod. A; 1 m; 1,00 mm²;
black



Item No.: 891-8993/105-101
pre-assembled connecting cable; Eca; Sock-
et/open-ended; 3-pole; Cod. A; 1 m; 1,00
mm²; black



Item No.: 891-8993/005-101
pre-assembled interconnecting cable; Eca;
Socket/plug; 3-pole; Cod. A; 1 m; 1,00 mm²;
black

1.1.2 Female connector/socket



Item No.: 890-203
Socket; 3-pole; Cod. A; 1,50 mm²; black



Item No.: 890-103
Socket; with strain relief housing; 3-pole;
Cod. A; 1,50 mm²; black

1.1.3 Male connector/plug



Item No.: 890-213
Plug; 3-pole; Cod. A; 1,50 mm²; black



Item No.: 890-113
Plug; with strain relief housing; 3-pole; 1,50
mm²; black

1.2 Required Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



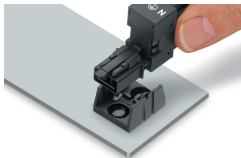
Item No.: 890-623
Mounting plate; 3-pole; for distribution con-
nectors; Plastic; black



Item No.: 890-673
Mounting plate; 3-pole; for distribution con-
nectors; Plastic; white

Installation Notes

Installation



Secure the mounting plate via pins.