

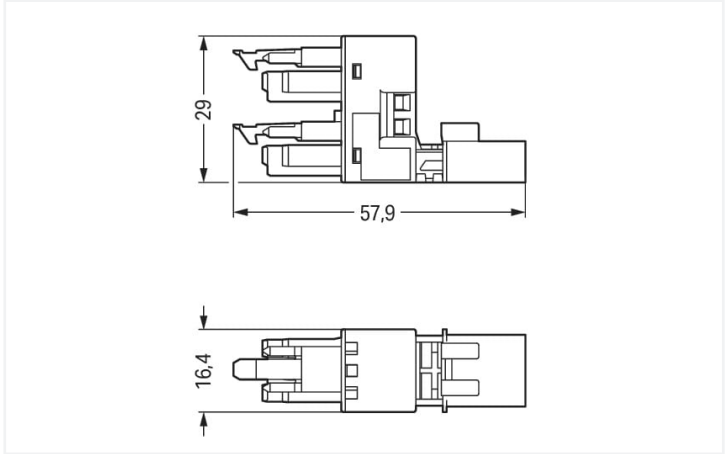
Data Sheet | Item Number: 890-634

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 3-pole

The *WINSTA*® MINI distribution connector with protection type IP20 supports fast, reliable installation. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to many different requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free 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. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer much less space for the connection technology.

*WINSTA*® MINI solutions for your electrical installation – protected against mismating and maintenance-free

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

- protection against mismating eliminates errors
- easy tool-free operation, a wide range of coding options
- with A coding for a large number of applications
- ready for immediate use
- fast, secure 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	16 A	-	-	
Approvals per				
Rated voltage		600 V		
Rated current		14 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)	<a href="#">Information on material specifications can be found here</a>
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	0.324 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)
eCl@ss 10.0	27-44-06-03
eCl@ss 9.0	27-44-06-03
ETIM 9.0	EC002567
ETIM 8.0	EC002567
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454404475
Customs tariff number	85366990990

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 Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	IEC 61535	NL-85020	UK-Declaration of Confor- mity 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	19-HG1869855-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001Z6
LR Lloyds Register	EN 61535	08/20047 (E2)



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

<a href="#">Item No.: 891-8993/205-101</a> pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm²; black	<a href="#">Item No.: 891-8993/105-101</a> pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; 1 m; 1,00 mm²; black	<a href="#">Item No.: 891-8993/005-101</a> pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; 1 m; 1,00 mm²; black

1.1.2 Female connector/socket

<a href="#">Item No.: 890-203</a> Socket; 3-pole; Cod. A; 1,50 mm²; black	<a href="#">Item No.: 890-103</a> 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



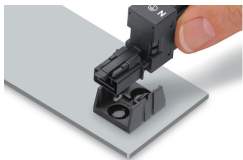
**Item No.: 890-623**  
Mounting plate; 3-pole; for distribution connectors; Plastic; black



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

Installation Notes

Installation



Secure the mounting plate via pins.

