

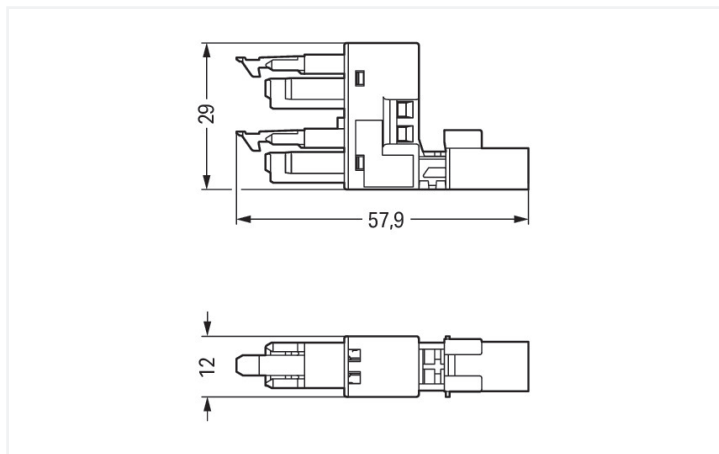
Data Sheet | Item Number: 890-1634

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

<https://www.wago.com/890-1634>



Color: ■ black



Dimensions in mm

Distribution connector *WINSTA*® MINI 2-pole

For power and signal transmission: The *WINSTA*® MINI distribution connector 2-pole. WAGO pluggable installation connectors are used when requirements repeat or are distributed on a defined grid, for example for installing grid lighting or flush-mount lighting. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. General mains applications for almost any domain of use can be implemented with *WINSTA*® MINI pluggable installation connectors with A coding. Especially where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, consistently displays its advantageous properties. It is very compact, and, thanks to Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the connection is low-maintenance and can be performed without screw connections.

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

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – with marking from WAGO makes the installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- consistent IP40 protection
- with A coding for a large number of applications
- ready for immediate use
- quick replacement of defective units during ongoing operation

Electrical data

Ratings per	IEC/EN 60664-1		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated impulse withstand voltage	4 kV	-	-
Rated current	16 A	-	-

Approvals per	UL 1977
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
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Connection Data

Total number of potentials	2	Connection 1	
		Pole number	2

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	12 mm / 0.472 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	0.181 MJ
Weight	9.8 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	4045454376383
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
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	71-123231
CCA DEKRA Certification B.V.	IEC 61535	NL-85020
cURus Underwriters Laboratories Inc.	UL 1977	E45171

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

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 890-1634	↓

Documentation

Bid Text			
890-1634	19.02.2019	xml 2.78 KB	↓
890-1634	20.11.2014	doc 22.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 890-1634	↓

CAE data	
EPLAN Data Portal 890-1634	↓
WSCAD Universe 890-1634	↓
ZUKEN Portal 890-1634	↓

1 Compatible Products

1.1 System counterpart

1.1.1 Cable assembly



Item No.: 891-8992/205-101
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; H05VV-F 2 x 1.0 mm²; 1 m; 1,00 mm²; black

Item No.: 891-8992/105-101
pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. A; H05VV-F 2 x 1.0 mm²; 1 m; 1,00 mm²; black

Item No.: 891-8992/005-101
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. A; H05VV-F 2 x 1.0 mm²; 1 m; 1,00 mm²; black

1.1.2 Female connector/socket



Item No.: 890-202
Socket; 2-pole; Cod. A; 1,50 mm²; black

Item No.: 890-102
Socket; with strain relief housing; 2-pole; Cod. A; 1,50 mm²; black

Item No.: 890-202/342-000
Socket; with strain relief housing; 2-pole; Cod. A; 1,50 mm²; black

1.1.3 Male connector/plug



Item No.: 890-212

Plug; 2-pole; Cod. A; 1,50 mm²; black

Item No.: 890-112

Plug; with strain relief housing; 2-pole; 1,50 mm²; black

Item No.: 890-212/342-000

Plug; with strain relief housing; 2-pole; Cod. A; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Installation

1.2.1.1 Mounting accessories



Item No.: 890-1622

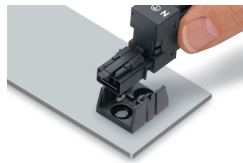
Mounting plate; 2-pole; for distribution connectors; black

Item No.: 890-1672

Mounting plate; 2-pole; for distribution connectors; white

Installation Notes

Installation



Secure the mounting plate via pins.