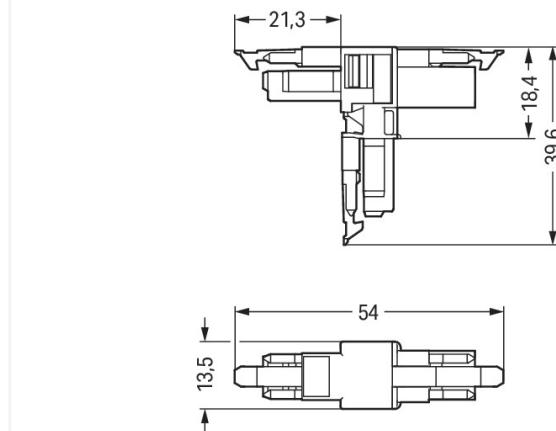




Color: white



Dimensions in mm

Distribution connector *WINSTA® MINI* 2-pole

The *WINSTA® MINI* distribution connector with locking latch provides the foundation for installation of solid and fine-stranded conductors. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish 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. Especially if only limited space is available, our smallest pluggable connection system, *WINSTA® MINI*, conveniently displays its advantages. It saves space, and, with 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!

The *WINSTA®* Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, more reliable, and error-free. Use of this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose quality and durability – the *WINSTA® MINI* pluggable installation connector with protection against mismatching from WAGO makes the electrical installation of electrical components visibly easier.

- effective protection against mismatching
- compact design for conductors with a cross-section up to 1.5 mm²
- with A coding for use in many general mains applications
- ready for immediate use
- quick replacement of defective units during ongoing operation

Electrical data

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

Approvals per

UL 1977

Rated voltage	600 V
Rated current	14 A

General

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	13.5 mm / 0.531 inches		
Height	39.6 mm / 1.559 inches		
Depth	54 mm / 2.122 inches		
Mechanical data			
Application	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	T-distribution connector		
Protection type	IP20; IP40 when mated		
Suitable	for flying leads		
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	3		
Material data			
Note (material data)	Information on material specifications can be found here		
Color	white		
Material group	I		
Insulation material	Polyamide (PA66)		
Flammability class per UL94	V0		
Contact material	Copper or copper alloy; surface-treated		
Contact plating	Tin		
Fire load	0.177 MJ		
Weight	6.3 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 8.0	EC002567
ETIM 7.0	EC002567
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454547660
Customs tariff number	85366990990

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	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 890-1665

Documentation

Bid Text

890-1665

19.02.2019

xml

2.83 KB



890-1665

03.12.2014

doc

22.50 KB



CAD/CAE-Data

CAD data

2D/3D Models
890-1665

CAE data

EPLAN Data Portal
890-1665WSCAD Universe
890-1665ZUKEN Portal
890-1665

Installation Notes

Installation



Secure the mounting plate via pins.