

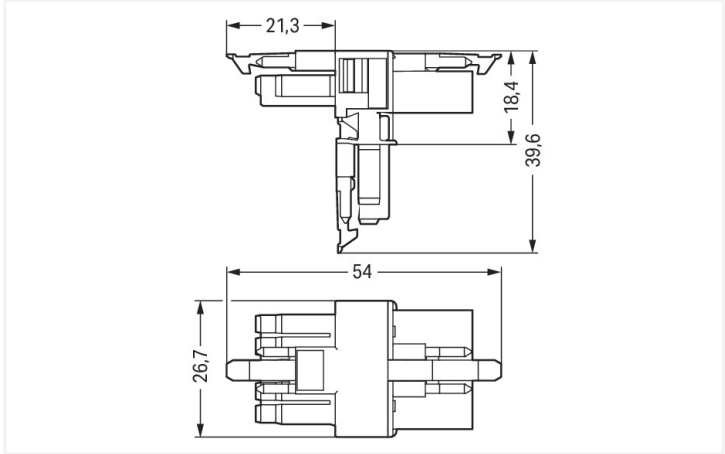
Data Sheet | Item Number: 890-622

T-distribution connector; 5-pole; Cod. A; 1 input; 2 outputs; 3 locking levers; for flying leads; black

<https://www.wago.com/890-622>



Color: ■ black



Dimensions in mm

Distribution connector *WINSTA®* MINI A coding

For power and signal transmission: The *WINSTA®* MINI distribution connector A coding. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a specific pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The *WINSTA®* MINI pluggable installation connector with A coding in black or white is normally used for general mains applications in power distribution. *WINSTA®* MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology.

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

The *WINSTA®* Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Choose durability and quality – with protection type IP20 from WAGO makes the installation of electrical components noticeably easier.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- for any mains application
- ready to install and use immediately
- fast, secure installation

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		12 A	
Nominal voltage		400 V	-	-				
Rated surge voltage		6 kV	-	-				
Rated current		13 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	5	Connection 1
		Pole number 5

Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	26.7 mm / 0.705 inches
Height	39.6 mm / 1.559 inches
Depth	54 mm / 2.122 inches

Mechanical data

Use	General mains applications
Coding	A
Variable coding	No
Marking	N ⊕ 1 2 3
Potential marking	N ⊕ 1 2 3
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	black
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.272 MJ
Weight	12.6 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)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821229513
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 890-622			↓

Documentation

Bid Text			
890-622	19.02.2019	xml 2.81 KB	↓
890-622	03.12.2014	doc 22.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 890-622	
↓	

CAE data	
WSCAD Universe 890-622	
↓	

Installation Notes

Installation



Secure the mounting plate via pins.