

Data sheet | Item number: 890-676

T-distribution connector; 4-pole; Cod. A; 1 input; 2 outputs; 2 locking levers;
white



www.wago.com/890-676



Color:

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
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Item description

Distribution connector *WINSTA*® MINI rated current 16 A

The *WINSTA*® MINI distribution connector with protection against mismatching is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors are useful when specifications repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. The mechanical coding and color 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. Particularly 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 saves time, since the installation is low-maintenance and requires no screw connections.

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

The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – the *WINSTA*® MINI pluggable installation connector with marking from WAGO makes the installation of electrical components visibly easier.

- effective protection against mismatching
- easy tool-free operation, a wide range of coding options
- for any mains application
- ready for immediate use
- convenient installation and commissioning

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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Ratings per UL 1977

Note for the US market	Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.
Rated voltage (UL 1977)	600 V
Rated current UL 1977	12 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	4
PE function	Preceding PE contact

Connection 1

Pole number	4
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Physical data

Pin spacing	4.4 mm / 0.173 inches
Width	22.3 mm / 0.878 inches
Height	34 mm / 1.339 inches
Depth	54 mm / 2.122 inches

Mechanical Data

Application	General mains applications
Coding	A
Variable coding	No
Marking	N $\frac{2}{L}$ 1/L'
Potential marking	N $\frac{2}{L}$ 1/L'
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

Subject to changes. Please also observe the further product documentation!



Protection type	IP20; IP40 when mated
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Plug-in connection

Contact type (pluggable connector)	Socket/plug
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Mismating protection	Yes
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Note on mismating protection	All <i>WINSTA</i> [®] 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
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Locking lever	yes
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Locking of plug-in connection	locking lever
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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).
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Number of locking levers	
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Material Data

Note (material data)	Information on material specifications can be found here
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Color	white
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Material group	I
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Insulation material	Polyamide (PA66)
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Flammability class per UL94	V0
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Contact material	Copper or copper alloy; surface-treated
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Contact plating	Tin
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Fire load	0.226 MJ
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Weight	10.2 g
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Environmental requirements

Processing temperature	-5 ... +40 °C
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Continuous operating temperature	-35 ... +85 °C
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Note on continuous operating temperature	Insulating parts for temperatures \leq 105 °C
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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	4050821229568
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	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

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	Steel Vessel Rules	19-HG1869855-

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			PDA
DNV GL	-		TAE00001Z6
Det Norske Veritas, Germanischer Lloyd			
LR	EN 61535		08/20047
Lloyds Register			(E2)

Counterpart

Item no.890-124		www.wago.com/890-124
Socket; with strain relief housing; 4-pole; Cod. A; 1,50 mm ² ; white		
Item no.890-134		www.wago.com/890-134
Plug; with strain relief housing; 4-pole; 1,50 mm ² ; white		
Item no.890-224		www.wago.com/890-224
Socket; 4-pole; Cod. A; 1,50 mm ² ; white		
Item no.890-234		www.wago.com/890-234
Plug; 4-pole; Cod. A; 1,50 mm ² ; white		
Item no.891-8994/006-102		www.wago.com/891-8994/006-102
pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; white		
Item no.891-8994/106-102		www.wago.com/891-8994/106-102
pre-assembled connecting cable; Eca; Socket/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; white		
Item no.891-8994/206-102		www.wago.com/891-8994/206-102
pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F 4G 1.5 mm ² ; 1 m; 1,50 mm ² ; white		

Downloads

Documentation

Bid Text

890-676	2019 年2月19日	xml	Download
X81 - Datei		2.8 kB	
890-676	2014 年12月3日	doc	Download
doc - Datei		23.0 kB	

CAD/CAE-Data

CAE data

WSCAD Universe 890-676	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 890-676

URL

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Installation Notes

Installation



Secure the mounting plate via pins.

Product family

WINSTA® MINI

[Show all products from the family](#)

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