



Item description

Distribution connector *WINSTA*® KNX with protection type IP20

The *WINSTA*® KNX distribution connector with protection type IP20 supports fast, reliable installation. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector is protected in accordance with protection type IP20 (Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)). That results in the fact that users' fingers will never come into contact with energised elements. The KNX standard is the ultimate benchmark in building automation. It guarantees error-free, manufacturer-independent networking of state-of-the-art building systems. The standardised *WINSTA*® KNX pluggable installation connectors in green are employed for transfer of signals in KNX networks.

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



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

The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Now you can also lower installation expenses without compromising safety and quality: The WINSTA® KNX pluggable installation connector with locking lever reduces the need for servicing and prevents unnecessary downtime.

- saves time, since no wiring is required at the construction site
- for emergency power supply
- custom-engineered solutions
- rapid, structured electrical installation

Data

Electrical data

Note on contact resistance

Approx. 3 mΩ contact resistance

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	50 V
Rated impulse voltage (III/3)	0.8 kV
Rated current	3 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Total number of potentials	2
----------------------------	---

Connection 1

Number of poles	2
-----------------	---

Physical data

Width	15 mm / 0.591 inch
Height	28.9 mm / 1.138 inch
Depth	28.7 mm / 1.13 inch

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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Mechanical data

technology	KNX
Application	KNX
Coding	E
Variable coding	No
Marking	1+ 2-
Potential Marking	1+ 2-
Mating force of a plug-in connection	approx. 10 ... 15 N
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Type of distribution box	T-distribution connector
Protection type	IP20; Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)

Plug-in connection

Contact type (pluggable connector)	Socket/plug
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).

Material data

Note (material data)	Information on material data can be found here
Color	green
Insulation material	Polyamide (PA66)
Contact material	Copper alloy; surface-treated

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Weight	3.3 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)
PU (SPU)	25 Stück
Packaging type	box
Country of origin VKOrg Germany	DE
GTIN	4045454547677
Customs tariff number VKOrg Germany	8536694040

Other

technology	KNX
------------	-----

Counterpart



Item no.893-1002

Socket; with strain relief housing; 2-pole; Cod. E; green

www.wago.com/893-1002



Item no.893-1012

Plug; with strain relief housing; 2-pole; green

www.wago.com/893-1012



Item no.894-8992/233-106

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/233-106



Item no.894-8992/033-106

pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/033-106



Item no.894-8992/133-106

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/133-106

Downloads

Documentation

Bid Text

893-1606

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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



X81 - Datei	2019 Feb 19	xml 2.8 kB	Download
893-1606 doc - Datei	2015 Jan 8	doc 23.0 kB	Download

CAD files

CAD data

2D/3D Models 893-1606	URL	Download
CAE data		
WSCAD Universe 893-1606	URL	Download
ZUKEN Portal 893-1606	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 893-1606 T-distribution connector; 2-pole; Cod. E; 1 input; 2 outputs; green	URL	Download
------------------------------------------------------------------------------------------------------------------	-----	----------

Installation Notes

Product family

WINSTA® KNX

[Show all products from the family](#)

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.