## Tap-off module; for flat cable; 2-pole; Cod. E; with cable connection on the output side; green
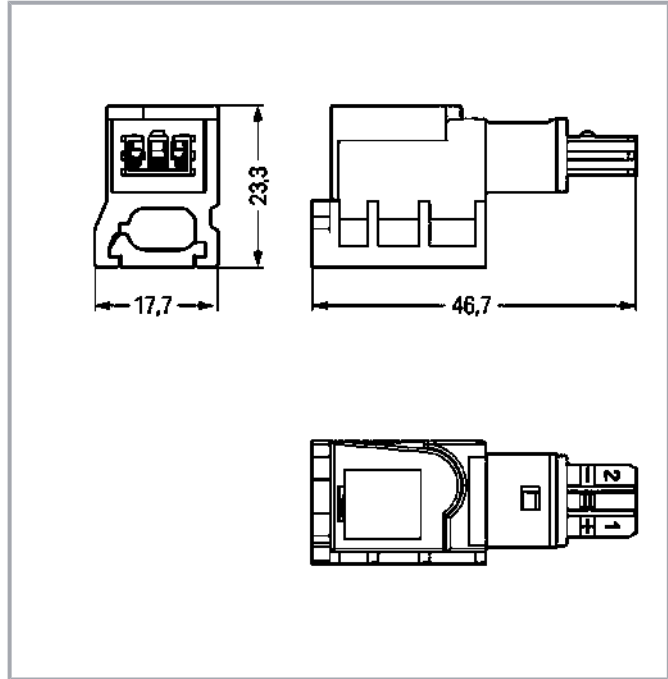
www.wago.com/893-122





## Item description

### Tap-off module *WINSTA*® IDC E coding

For signal and power transmission: The *WINSTA*® IDC tap-off module E coding. 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 mismating. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with electrified elements. The KNX protocol allows different equipment within one building system to communicate. A *WINSTA*® IDC pluggable installation connector with E coding, like all coded pluggable installation connectors, allows blind mating. E coding is often used for an auxiliary power supply, for example in I/O devices. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are met by this product through fire class E.

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

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

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with WINSTA® IDC pluggable installation connectors with protection type IP20 from WAGO.

- protection against mismating eliminates errors
- saves time, since no wiring is required at the construction site
- for emergency power supply
- ready for immediate use
- quick replacement of defective units during ongoing operation

## Data
### Electrical data

| | |
|---|---|
| Note on contact resistance | approx. 1 mΩ of contact resistance |
| | approx. 0.25 mΩ contact transition plug/socket |

### 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

### Connection 1

| | |
|---|---|
| Connection technology | IDC connection |
| Actuation type | Operating tool |
| Number of poles | 2 |

### Physical data

| | |
|---|---|
| Width | 17.7 mm / 0.697 inch |
| Height | 23.3 mm / 0.917 inch |
| Depth | 46.7 mm / 1.839 inch |

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

## 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 |
| Protection type | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |
| Suitable | for flat cable 2 x 1.5 mm² |

## Plug-in connection

| | |
|---|---|
| Mismating protection | Yes |
| Note on mismating protection | All WINSTA® components are 100% protected against mismating when: <br> a.) plugging different numbers of poles <br> b.) plugging while rotated 180 <br> c.) plugging while laterally staggered <br> d.) plugging one pole |
| Locking of plug-in connection | locking lever |

## Material data

| | |
|---|---|
| Note (material data) | Information on material data can be found here |
| Color | green |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | $E_{ca}$ |
| Contact material | Copper or copper alloy; surface-treated |
| Weight | 14 g |

## Environmental requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on continuous operating temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free) |

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

PVC flat cable for temperatures –15 °C to ≤ 70 °C (including halogen-free)

Insulating parts for temperatures ≤ 105 °C

## Commercial data

| | |
|---|---|
| Product Group | 20 (WINSTA) |
| PU (SPU) | 50 Stück |
| Packaging type | box |
| Country of origin VKOrg Germany | CH |
| GTIN | 4045454267407 |
| Customs tariff number VKOrg Germany | 8536698000 |

## Other

| | |
|---|---|
| technology | KNX |

## Counterpart

| | | |
|---|---|---|
| | **Item no.893-1012**<br>Plug; with strain relief housing; 2-pole; green | www.wago.com/893-1012 |
| | **Item no.894-8992/033-106**<br>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.894-8992/233-106**<br>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 |

## Optional accessories

### Cables and pluggable connectors

Flat cable

| | | |
|---|---|---|
| | **Item no.: 897-121**<br>Flat cable; Eca; 2 x 1.5 mm²; PVC; 2 buses; 50 V; 1,50 mm²; light gray | www.wago.com/897-121 |
| | **Item no.: 897-122**<br>Flat cable; Dca; 2 x 1.5 mm²; halogen-free; 2 buses; 50 V; 1,50 mm²; light gray | www.wago.com/897-122 |

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

## Downloads
### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 893-122<br>X81 - Datei | 2019 Feb 19 | xml<br>3.1 kB | Download |
| 893-122<br>doc - Datei | 2015 Jan 9 | doc<br>24.1 kB | Download |

## CAD files
### CAE data

| | | |
|---|---|---|
| EPLAN Data Portal 893-122 | URL | Download |
| WSCAD Universe 893-122 | URL | Download |

## Environmental Product Compliance
### Compliance Search

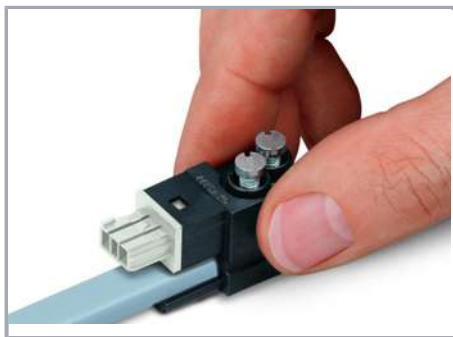| | | |
|---|---|---|
| Environmental Product Compliance 893-122<br>Tap-off module; for flat cable; 2-pole; Cod. E; with cable connection on the output side; green | URL | Download |

## Installation Notes
### Conductor termination

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

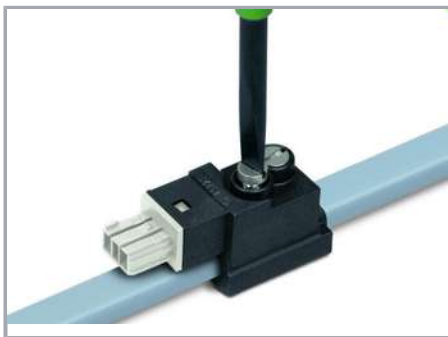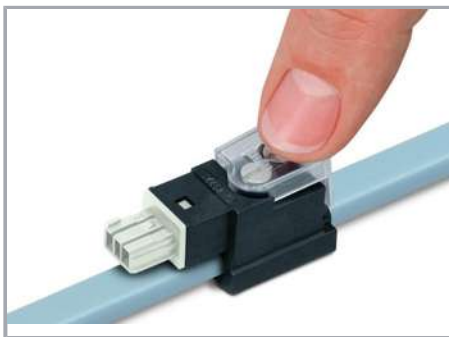The IDC module can only be mounted if the two codings match each other.

Should the IDC module jam during mounting, turn the module by 180° and remount it, flush with the base.
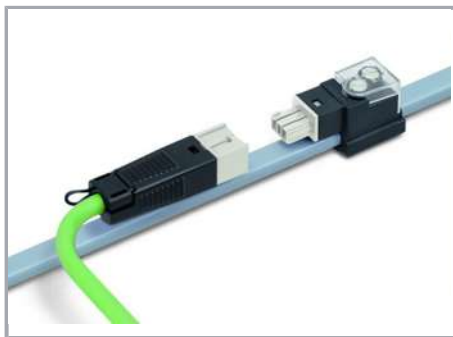


Tighten the screws to connect the flat cable.

Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Connect the cable assembly to the module.

## Product family

**WINSTA® IDC**
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.