

### Item description

- Suitable for bus and power lines or for bus and power combined in one cable
- Easy installation without line interruption due to convenient insulation displacement technology (IDC)
- WINSTA® IDC Supply and Tap-Off Modules allow connection at any location of the flat cable – one rotation per pole is all that is required

### Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching when:

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

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



## Data

### Electrical data

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

### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	690 V
Rated impulse voltage (III / 3)	8 kV
Rated current	41 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

### Connection data

Connection technology	Screw-type connection
Actuation type	Operating tool
Connection technology 2	IDC
Total number of connection points	5
Total number of potentials	5

### Geometrical Data

Width	85 mm / 3.346 inch
Height	73 mm / 2.874 inch
Depth	200 mm / 7.874 inch

### Mechanical data

Mating force of a plug-in connection	approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	when unlocked: approx. 15 ... 20 N
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A, tested (4 mm <sup>2</sup> /AWG 12)
Protection class	IP20
Note on protection class	IP65 mit Schraubanschluss/Blindstopfen
Suitable	for flat cable 5 x 16 mm <sup>2</sup>

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

## Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever

## Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Fire load	10.692 MJ
Weight	750.7 g

## Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service Temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) 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)
Packaging type	BOX
Country of origin	CH
GTIN	4045454006396
Customs Tariff No.	85369010000

## Counterpart

### Compatible products

#### wiring and connectors



**Item no.: 897-1651**  
Flat cable; 5G 16 mm<sup>2</sup>; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/897-1651](http://www.wago.com/897-1651)



**Item no.: 897-1652**  
Flat cable; 5G 16 mm<sup>2</sup>; halogen-free; 3L + N + PE; 0.6/1 kV; 16,00 mm<sup>2</sup>; light gray

[www.wago.com/897-1652](http://www.wago.com/897-1652)

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

## Downloads

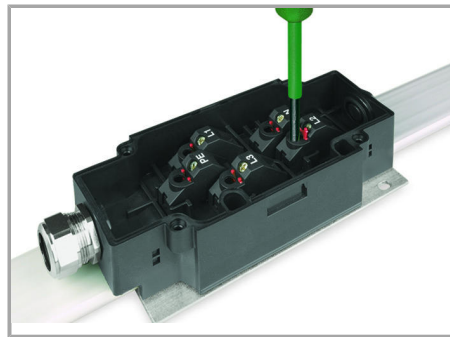
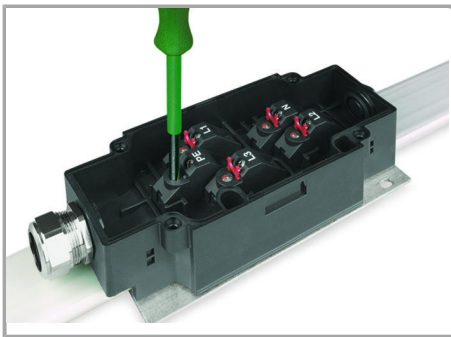
### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 895-1652	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 895-1652	<a href="#">URL</a>	<a href="#">Download</a>

## Installation Notes

### Conductor termination



Tighten the screws to the stop to connect the flat cable (observe the tightening torque!)

Red contact clips confirm that the contacts are made correctly when they are flush with the terminals.

## Product family

*WINSTA*® IDC

[Show all products from the family](#)

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