

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!

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

Data

Electrical data

Note on Contact Resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket
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Ratings per IEC/EN 60664-1

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Rated voltage (III / 3)	750 V
Rated impulse voltage (III / 3)	8 kV
Rated current	57 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Total number of connection points	5
Total number of potentials	5

Geometrical Data

Width	90 mm / 3.543 inch
Height	65 mm / 2.559 inch
Depth	160 mm / 6.299 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 ² /AWG 12)
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Suitable	for flat cable 5 x 10 mm ²

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Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever

Material Data

Color	transparent
Insulating material	Polyamide 66 (PA 66)
Contact material	Copper or copper alloy (surface-treated)
Weight	450 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	DE
GTIN	4045454006259
Customs Tariff No.	85366990990

Counterpart

Compatible products

wiring and connectors

	Item no.: 897-1051 Flat cable; 5G 10 mm ² ; PVC; 3L + N + PE; 0.6/1 kV; 10,00 mm ² ; light gray	www.wago.com/897-1051
	Item no.: 897-1052 Flat cable; 5G 10 mm ² ; halogen-free; 3L + N + PE; 0.6/1 kV; 10,00 mm ² ; light gray	www.wago.com/897-1052

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Downloads

CAD/CAE-Data

CAE data

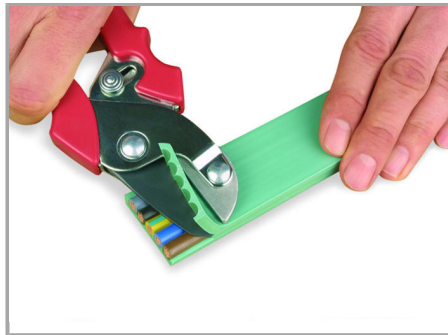
EPLAN Data Portal 895-1051	URL	Download
WSCAD Universe 895-1051	URL	Download

Installation Notes

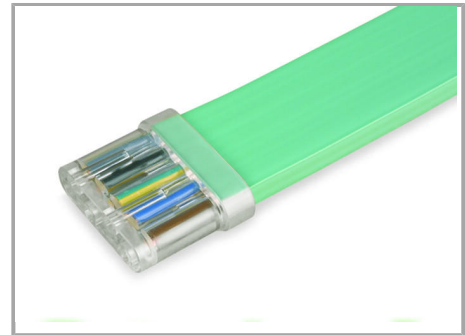
Safety



Cut both sides of the flat cable insulation using a stripping knife (observe 30 mm of cutting length).



Cut off insulation via cutter.



Push end cover fully onto the conductor ends.

Product family

<i>WINSTA</i>® IDC

[Show all products from the family](#)

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