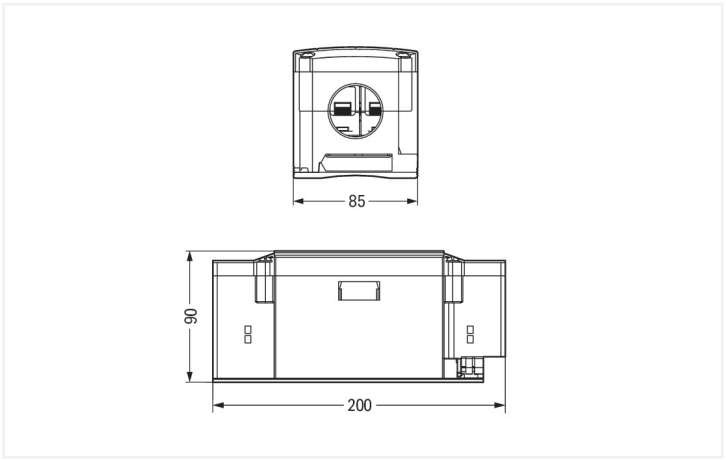
Data Sheet | Item Number: 895-1651

Supply module; for flat cable; 5 x 16 mm²; 5-pole; 16,00 mm²; black

https://www.wago.com/895-1651



Color: ■ black



Dimensions in mm

Supply module *WINSTA*® IDC 5-pole

The *WINSTA*® IDC supply module with protection against mismating allows installation of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology work completely without screw connections. They allow resource-efficient, error-free installation in a large number of possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (IP65 with screw-type connection/blind plug). This pluggable installation connector can be used for electrical currents up to 76 A. Thus the product is also suitable for high power loads.

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

The WINSTA® Pluggable Connection System is perfectly tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Now you can also reduce installation expenses without compromising safety and quality: with protection type IP20 reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- saves time, since no wiring is required at the construction site
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

Notes

Safety Information	To fulfill IP65 protection for this product, cable grips and/or blind plugs must be used. Note that the cable grip or the blind plug contains an O-ring. Without this sealing ring, the protection type IP65 is not met.

Electrical data

Ratings per IEC/EN 60664-1

Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	690 V	-	-
Rated impulse withstand voltage	8 kV	-	-
Rated current	76 A	-	-

General information

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

Connection Data

Clamping units	5
Total number of potentials	5

Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Pole number	5

Connection 2

Connection technology	IDC connection

Physical data

Width	85 mm / 3.346 inches
Height	90 mm / 3.543 inches
Depth	200 mm / 7.874 inches

Mechanical data

Variable coding	No
Marking	plain
Retention force of a plug-in connection	When locked: > 80 N
Protection type	IP20; IP65 with screw-type connection/blind plug
Suitable	for flat cable 5 x 16 mm²

Plug-in connection

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

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Cover color	black
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	11.88 MJ
Weight	872.9 g

Environmental requirements

Processing temperature	-5 … +40 °C
Continuous operating temperature	-35 … +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Flat cable for temperatures –15 °C to ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Continued on next page

Commercial data

Product Group	20 (Winsta)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454006389
Customs tariff number	85369010000

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01
ETIM 9.0	EC002588
ETIM 10.0	EC002588
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 895-1651

Documentation

Bid Text

895-1651	09.01.2015	doc 22.50 KB	
895-1651	19.02.2019	xml 2.88 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 895-1651

WSCAD Universe 895-1651

 Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Flat cable



Item No.: 897-1652
Flat cable; B2ca; 5G 16 mm²; halogen-free; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray



Item No.: 897-1651
Flat cable; Eca; 5G 16 mm²; PVC; 3L + N + PE; 0.6/1 kV; 16,00 mm²; light gray

1.1.2 Strain relief

1.1.2.1 Mounting accessories



Item No.: 895-1601
Cable fitting; M40 x 1.5 with O-ring; Plastic; black