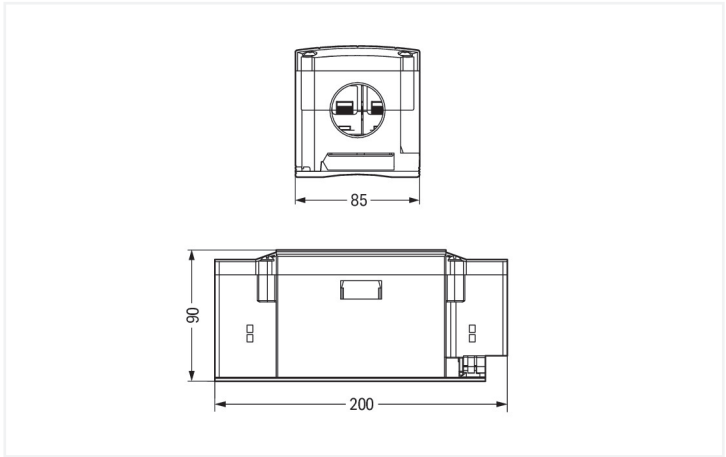




Color: ■ black



Dimensions in mm

Supply module *WINSTA*® IDC with protection against mismating

For power and signal transmission: The *WINSTA*® IDC supply module with protection against mismating. WAGO pluggable installation connectors can be used when criteria repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. 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 a current load of up to 76 A. As a result, it can also be used for high power loads.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® IDC

WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Now you can also lower installation costs without compromising quality and safety: with protection against mismating eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- saves time, since no wiring is required at the construction site
- custom-engineered solutions
- 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					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	
Overvoltage category		III	III	II	approx. 1 mΩ of contact resistance	
Pollution degree		3	2	2	approx. 0.25 mΩ contact transition plug/ socket	
Nominal voltage		690 V	-	-		
Rated surge voltage		8 kV	-	-		
Rated current		76 A	-	-		



Connection data

Clamping units	5	Connection 1	
Total number of potentials	5	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

Commercial data	
Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-01
eCl@ss 9.0	27-44-06-01
ETIM 9.0	EC002588
ETIM 8.0	EC002588
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454006389
Customs tariff number	85369010000

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	↓



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