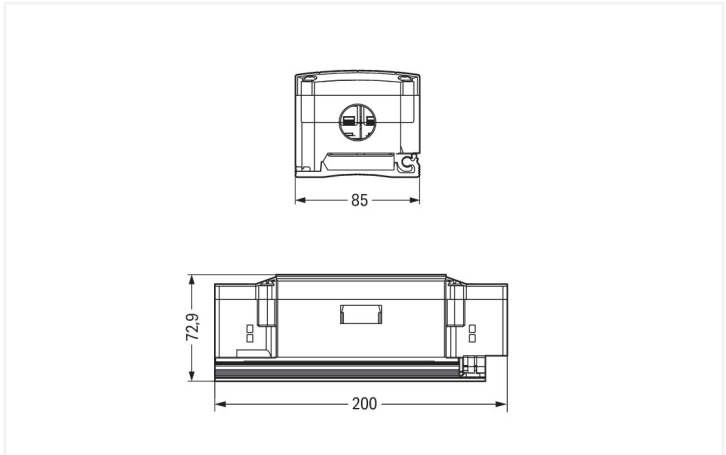




Color: ■ black



Dimensions in mm

Tap-off module WINSTA® IDC 5-pole

For power and signal transmission: The WINSTA® IDC tap-off module with protection type IP20. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in no time flat. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. 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 41 A. Thus the product is ideally suitable for high power loads.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- custom-engineered solutions
- convenient installation and commissioning

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	Note on contact resistance	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		41 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	73 mm / 2.874 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	10.692 MJ
Weight	750.7 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	4045454006396
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 895-1652

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Documentation			
Bid Text			
895-1652	09.01.2015	doc 23.00 KB	↓
895-1652	19.02.2019	xml 2.87 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal 895-1652

↓

WSCAD Universe 895-1652

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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 Cover

1.1.2.1 Cover



Item No.: 895-1605
Filler plug; M25 x 1.5 with O-ring; Plastic; black

1.1.3 Strain relief

1.1.3.1 Mounting accessories



Item No.: 895-1604
Cable fitting; M25 x 1.5 with O-ring; Brass; silver-colored



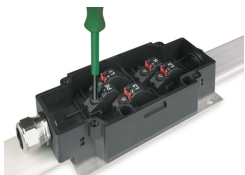
Item No.: 895-1602
Cable fitting; M25 x 1.5 with O-ring; Plastic; black



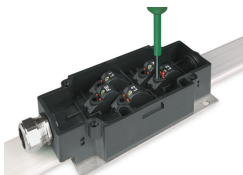
Item No.: 895-1603
Cable fitting; M25 x 1.5 with O-ring; Plastic; black

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.