

Color: ■ black

Dimensions in mm

Tap-off module WINSTA® IDC with protection against mismatching

The WINSTA® IDC tap-off module 5-pole is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. The pluggable installation connectors with spring pressure connection technology function completely without screw connections. They allow fast, efficient, error-free installation in numerous applications. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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). Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 41 A – as a result it is also suitable for powerful loads.

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

The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- 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

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	41 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
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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 mm ²

Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CH
GTIN	4045454006396
Customs tariff number	85366990990

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
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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	↓

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

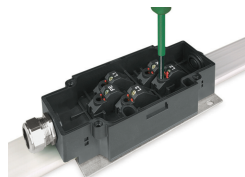
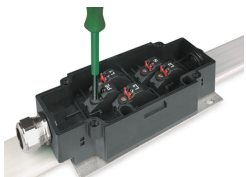
Cable fitting; M25 x 1.5 with O-ring; Plastic; black

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.