

1812403

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Housing to protect splice connection of solar panel wires. Allows splice of 3 conductors (1.5 to 25 $\,$ mm 2 /16 to 4 AWG maximum) to be inside housing with an IP67 rating.

Commercial data

Item number	1812403
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB05
Product key	ABLWZX
Catalog page	Page 72 (NTK-2014)
GTIN	4046356738682
Weight per piece (including packing)	220 g
Weight per piece (excluding packing)	220 g
Customs tariff number	85366990
Country of origin	US



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Technical data

Product properties

Product type	Shroud
Number of positions	3

Electrical properties

Rated voltage (III/3)	600 V AC/DC
Rated current	30 A

Connection data

Connection method	Screw connection within housing
Tightening torque	2.5 3 Nm
Conductor cross section flexible	1.5 mm² 25 mm²
Conductor cross section rigid	1.5 mm² 25 mm²
Cross section AWG	16 4

Dimensions

Wrench size, union nut	22.00 mm	
External dimensions		
Outside diameter	9.5 mm 13 mm (0.37" 0.51")	

Material specifications

Color	black
Material for screw connection	EPCM

Cable/line

Cable type	TC-ER
External cable diameter	9.5 mm 13 mm
Single wire, number of litz wires	3
Stripping length of the individual wire	12 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles 10 (with same cable diameter)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C 90 °C



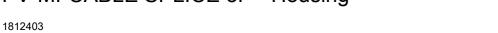
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Classifications

UNSPSC

UNSPSC 21.0 39121432





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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
F11 FF1 611 611 10	
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



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Accessories

PV-MI-CABLE TERMINATOR 3P - Termination block

1812416

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Terminator to protect the end of a solar panel trunk line.

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