



Pre-Potted Junction Box

Model: DSJB03a

DS	Brand Name	JB	Junction Box
XX	Variant No	Y	Rated Current

- DSJB03a - Rated current 15A & screwless-type clamping for pv ribbon



Thin, compact design and convenient layout that simplifies the installation process



IP68 protection rating to ensure consistent and long lasting performance



High grade Engineering plastics with Superior RTI value



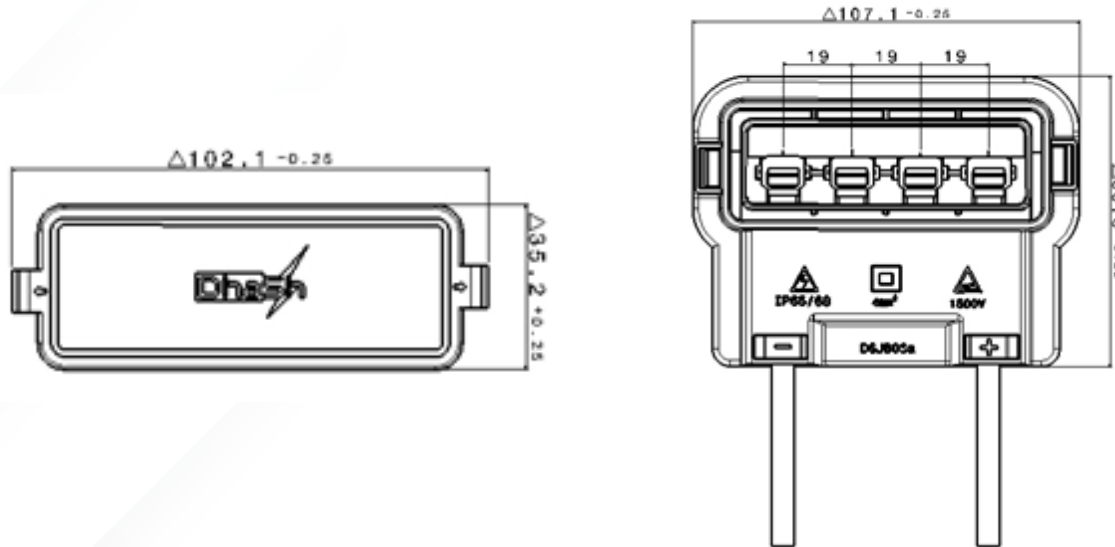
Flammability class of UL94 V-0



Enlarged metal terminals for better heat dissipation



A wide temperature range and fulfilment of Global standards complement the robust product specification



Basic Technical Data

Parameters	Specification
Rated Voltage	1500V DC
Rated Impulse Voltage	16KV
Maximum Working Voltage	100V
Reverse Current	30A
Protection Class	Class II (Application Class - A)
Protection Degree	IP68
Pollution Degree	1
RTI of Housing Material	110°C
Flammability class	V0, 5VB
Contact Resistance	≤3 mΩ
Temperature Range	-40° C to +85° C
Connecting Cable	62930 IEC131, 1x4mm ² , ≥1.5KVDC, IEC 62930
Cable Diameter (overall)	6.3mm±0.1
Diode Rating	If=20A/VRRM=45V
No. of Diodes	3
Waterproofing Structure	O-Ring Seal
Width of Busbar	Maximum 8mm
Busbar Termination	Clamping type
Contact Material	Copper Alloy, Tin Plated
Bonding Mode	Silicon Glue/Sealant
PV Connectors (Male & Female) Caution - Do not disconnect under load	1500V DC, 35A, IEC 62852
Standard	IEC 62790:2020