

**AJB / String Combiner Box - Delta 100kW**

Type	
String Current Monitoring	Yes (Optional)**
String Combiner	Yes (16 IN 1OUT)**
Input	
No. of DC Inputs	16**
Max DC Input Voltage	1000 Vdc
DC Input Voltage Range	400 ~ 1000 Vdc
Max Current per String	15 A
Max Permissible DC Current (Total)	280 A
DC Input Cable Size	Multi-Contact MC4 Connector - 4/6 mmsq
Output	
No of DC Outputs	1
DC Output Cable Size	Screw Clamp Terminal, Max 185 mmsq via Cable lugs
Protections	
String Fuse, Rating (Positive Side)	Yes, 30 A
Power Line Surge Protection	Yes, Type II SPDs
RS-485 - Data Line Surge Protection	Yes, Type II SPDs
Monitoring & Communication*	
Communication Interface	Modbus RTU over RS-485 Cable
String Monitoring	Yes, Optional
Features	
DC Disconnect Switch, Rating	Yes, 400 A
DC Breaking & Making Capacity	According to EN 60947-3
Auxiliary Supply	Internally Derived
General Data	
Dimension (H*W*D)	640*420*210
Installation	Wall Mount
Weight	19 kg
Operating Temperature	0°C ~ 60°C
Relative Humidity	15~95%, Non Condensing
Enclosure Type & Rating	Polycarbonate, IP66

**Modification is possible upon request

FILATECH ENTERPRISE PRIVATE LIMITED

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