

# sicame

## Sicame DCIB box

For connecting solar DC-BUS to Inverter

### Enclosure:

Material	Fiberglass Reinforced Polyester (FRP).
Degree of protection	NEMA 4X
Dielectric Strength	3800 volts
Fire hazard	Polyester at 960 °C
Flammability	Self-extinguishing
Outdoor Life	Up to 25 years
High Current Arc Ignition	No ignition after 200 arcs performed.
Temperature Resistance	Suitable for use from -40°C to +105°C

### Switch:

Type	2 poles / 4 poles 1500 Vdc
Rated ambient temperature	-20...+50 °C
Rated current	250 – 600 A (1500 Vdc)
Short circuit rating	10 kA (1500 Vdc)

### Surge Arrester:

SPD	Type 2 or Type 1+2
Max. PV voltage	1500 Vdc
Short circuit current rating	10 kA
Total discharge current	40 kA
Voltage protection level	≤ 5 kV
Response time	≤ 25 ns
Operating temperature range	-20...+80 °C (-4...+176 °F)

### Accessories:

Pressure compensation device  
Inputs and outputs glands  
Fuses  
Busbar and connections

### Optional:

Lugs and monitoring

### Standards:

UL 1741  
NEC

