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 ºC
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 -40ºC to +105ºC



Switch:

Type _____ 2 poles / 4 poles 1500 Vdc
Rated ambient temperature _____ -20…+50 ºC
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 ºC (-4…+176 ºF)

Accessories:

Pressure compensation device
Inputs and outputs glands
Fuses
Busbar and connections

Optional:

Lugs and monitoring

Standards:

UL 1741
NEC