

T4DPV0710 – Sicame IPC for Harness

Insulation piercing connector for connecting a solar string cable to a DC-BUS

Network Application: Solar farm with DC-BUS cabling system

DC-BUS: insulated PV cable Al, acc. UL44 & UL 4703

String wire: insulated PV cable, Cu, acc. UL44 & UL 4703

Used for solar string tapping from DC-BUS cable. Up to 1500V system voltage



- Body is made of mechanically strong and weather resistant (F1), flame-retardant (V0) insulating material
- Fully sealed by a rubber gusset (IP68)
- Shearbolt technology ensures an optimum tightening torque, suitable for manual or torque wrench installation.
- High electrical performance with low contact resistance
- Strain relief function
- Easy to install and safe to use, IP2X
- Connector for Class II devices
- Galvanised hardware

Physical attributes:

Body Material ___ Polyamid GF, V0, weather resistant (F1)

Temperature Range:

Ambient _____ -40°C (-40 °F) to +85 °C (+185 °F)

Connection _____ -10°C (-10 °F) to +55 °C (+131 °F)

Electrical Properties:

Ampacity _____ 260 A max (4 x 65 A)

Standards:

UL 486A-486B

UL 9703

Type	DC-BUS conductor Single insulated Al, Class B			String cable, Single or double insulated Cu, Class B or C			Shearhead torque, Nm	Shearhead size	Nominal current, A
	Cross-section range	Max diameter	Range of insulation thicknesses	Cross-section range	Max diameter	Range of insulation thicknesses			
T4DPV0710	300 – 1000 MCM	1.330 in	0.120-0.135 in	#12 - #6	0.349 in	0.075 – 0.085 in	37	5/8	260



Monitoring at string level in option