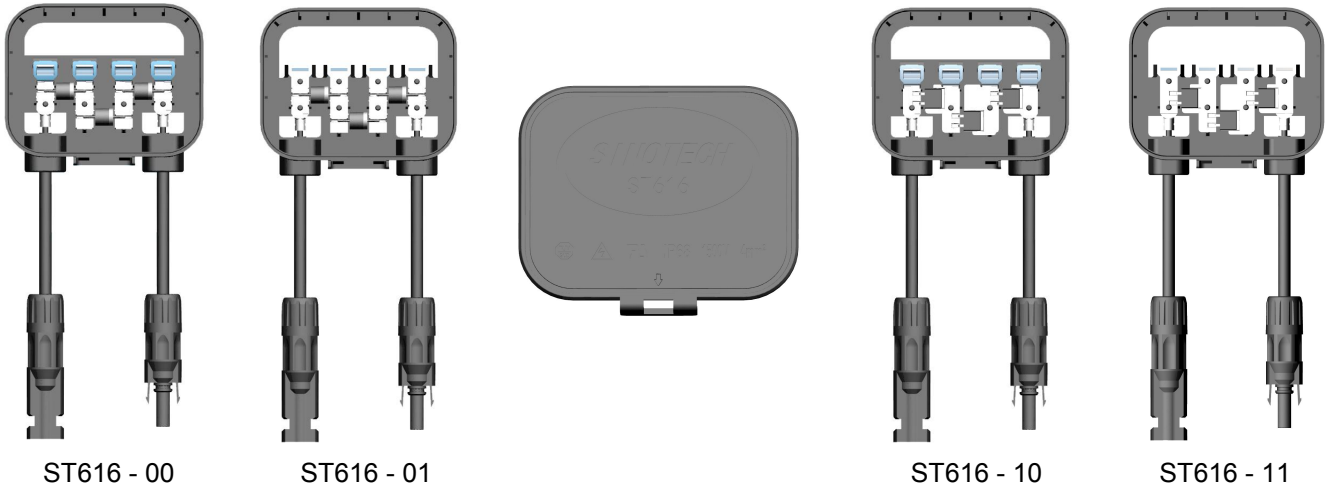


Connector for Photovoltaic System

ST616



Technical data

Rated current	15 A	Locking system	Locking type
Rated voltage	1500V DC	Type of termination for ribbon	Clamping/Soldering
Degree protection, mated	IP68	Rated impulse voltage	16 kV
Application class	A	Upper limiting temperature	105 °C
Protection class	II	Contact material	Copper, tin plated
Ambient temperature range	-40°C to +85°C	Contact resistance	≤ 5mΩ
Flame class	UL94 V0	Overvoltage category / Pollution degree	CATIII / 3
Insulation material	PPO	Type	non-potting

Note -- safety requirement and test as per IEC 62790(ed.1); EN 62790:2015

Order information

Part No.	Order No.	Diode qty	Diode type	Terminal	Crosssection	Connector	Cable length(cm)
ST616 - 00	69S1701	3	20SQ045	Clamping	4mm ²	ST4	100
ST616 - 00	69S1702	3	20SQ045	Clamping	4mm ²	ST4	125
ST616 - 01	69S1703	3	20SQ045	Soldering	4mm ²	ST4	100
ST616 - 01	69S1704	3	20SQ045	Soldering	4mm ²	ST4	125
ST616 - 10	69S1705	3	GF3045MG	Clamping	4mm ²	ST4	100
ST616 - 10	69S1706	3	GF3045MG	Clamping	4mm ²	ST4	125
ST616 - 11	69S1707	3	GF3045MG	Soldering	4mm ²	ST4	100
ST616 - 11	69S1708	3	GF3045MG	Soldering	4mm ²	ST4	125