

## Junction Box for Photovoltaic Module **ST612**

### Technical data

Rated current	8A
Rated voltage	1000V
Degree protection, mated	IP65
Safety class	II
Ambient temperature range	-40°C to +85°C
Flame class	UL94 - V0
Insulation material	PPO/PC
Contact material	Copper, Sn plated
Upper limiting temperature	105°C
Dimension(L×W×H)	100mm×68mm×18mm
Bus ribbon distance	21mm(2 diodes), 42mm(1 diode)

### Order information

Description	Order no.	Diode no.	Diode type	Range	Length(cm)
ST612/2/20A/4/90	69S2201	2	20SQ045	4mm <sup>2</sup>	90
ST612/2/10A/2.5/90	69S2202	2	10A10	2.5mm <sup>2</sup>	90
ST612/2/10A/2.5/60	69S2203	2	10A10	2.5mm <sup>2</sup>	60
ST612/2/10A/2.5&4/X	69S2204	2	10A10	2.5&4mm <sup>2</sup>	X <sup>3)</sup>
ST612/1/20A/4/90	69S2205	1	20SQ045	4mm <sup>2</sup>	90
ST612/1/10A/2.5/90	69S2206	1	10A10	2.5mm <sup>2</sup>	90
ST612/1/10A/2.5/60	69S2207	1	10A10	2.5mm <sup>2</sup>	60
ST612/1/10A/2.5&4/X	69S2208	1	10A10	2.5&4mm <sup>2</sup>	X <sup>3)</sup>
ST612/N/D/R/L <sup>1)</sup>	69S2209 <sup>2)</sup>	N	D	2.5/4mm <sup>2</sup>	L

<sup>1)</sup> Special description for desired components, for example: ST612/2/10A/2.5/90, the component details are:

2 pcs 10A10 diodes, 2.5mm<sup>2</sup> cable, length 90cm, ST4 connector.

<sup>2)</sup> Unique order no. for special descriptions.

<sup>3)</sup> Junction box without cable and connector.

