

SOLARLOK WING EDGE JUNCTION BOX

The SOLARLOK wing edge junction box is perfectly designed for building integrated photo voltaic solutions which require performance and quality Integrated in a compact design. It is also used in combination with the slim-line connector system. SOLARLOK wing edge junction box is used in crystalline applications and requires no potting or silicon glue.



Applications

- Solar panels BIPV
- Architectural solutions
- Autoclave production

Electrical

- Short Circuit Current (Isc): 12A
- Rated Voltage: 1000V

Mechanical

- Temperature Range: -40°C to +115°C
- Protection Degree: IP67

Specifications

- Product Specifications: [108-94114](#)
- Application Specifications: [114-18896](#)

Materials

- Contact Plate: CuFe
- Pin Contact: Silver plated CuSn
- Housing: PPS

Standards

- Designed to meet 1000V IEC62790

Benefits

- Suitable solution for automatic lamination
- Allows for easy termination and reliable field installations

Slim-Line Connector

Applications

- Solar panels BIPV
- Architectural solutions
- Small size needs



Electrical

- Rated Voltage: 1000V

Mechanical

- Temperature Range: -40°C to +85°C
- Wire Size Range: Up to 12 AWG, 4.0 mm²
- Protection Degree: IP67

Specifications

- Product Specifications: [108-94205-1](#)
- Application Specifications: [114-18952-1](#)

Materials

- Contact Plate: CuFe
- Pin Contact: Silver plated CuSn
- Housing: PPE + PS

Product Selection Information

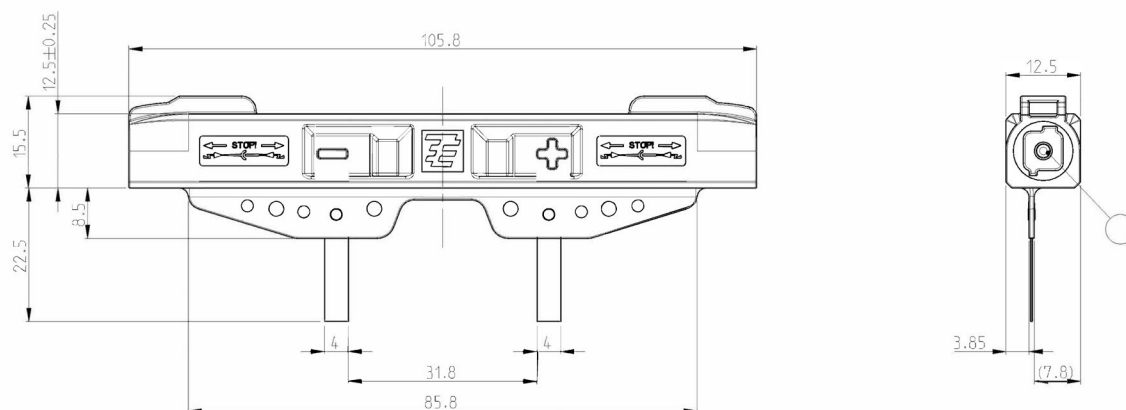
SOLARLOK WING EDGE JUNCTION BOX

Type	Part Number	Rated Current	Connection Type
STANDARD	1-1987293-4	10	2-RAIL WING EDGE JUNCTION BOX
STANDARD	2120413-1	X	BLIND PLUG ASSESSORY
STANDARD	1394739-1	X	PLUG COVER

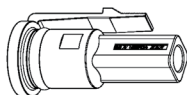
SLIM-LINE CONNECTOR

Type	Part Number	mm ²	AWG	Keying	Package Quantity
STANDARD	1987559-1	2.5	10	PLUS	100
STANDARD	1987559-2	2.5	10	MINUS	100
STANDARD	1-1987559-1	4.0	12	PLUS	100
STANDARD	1-1987559-2	4.0	12	MINUS	100

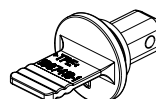
Dimensions



End Cap



Dust Cap



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