

# 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 mm<sup>2</sup>
- 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

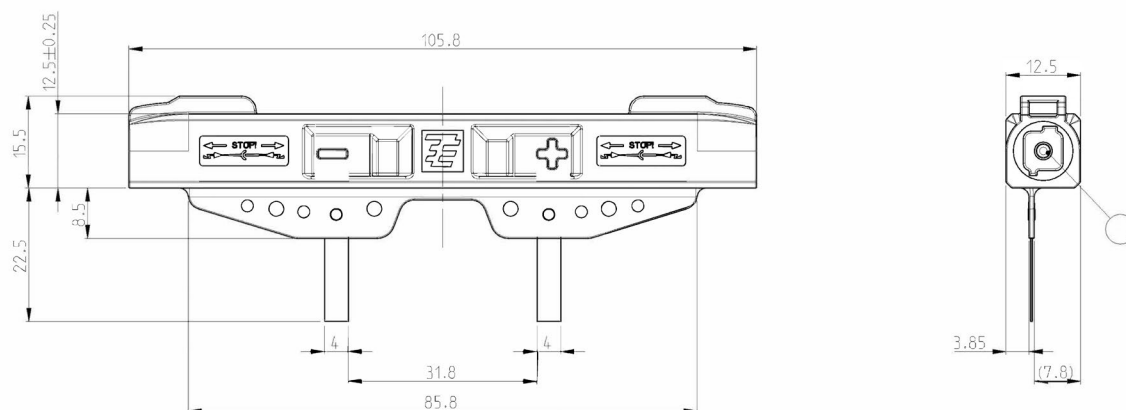
## SOLARLOK WING EDGE JUNCTION BOX

| Type     | Part Number                 | Rated Current | Connection Type               |
|----------|-----------------------------|---------------|-------------------------------|
| STANDARD | <a href="#">1-1987293-4</a> | 10            | 2-RAIL WING EDGE JUNCTION BOX |
| STANDARD | <a href="#">2120413-1</a>   | X             | BLIND PLUG ASSESSORY          |
| STANDARD | <a href="#">1394739-1</a>   | X             | PLUG COVER                    |

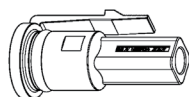
## SLIM-LINE CONNECTOR

| Type     | Part Number                 | mm <sup>2</sup> | AWG | Keying | Package Quantity |
|----------|-----------------------------|-----------------|-----|--------|------------------|
| STANDARD | <a href="#">1987559-1</a>   | 2.5             | 10  | PLUS   | 100              |
| STANDARD | <a href="#">1987559-2</a>   | 2.5             | 10  | MINUS  | 100              |
| STANDARD | <a href="#">1-1987559-1</a> | 4.0             | 12  | PLUS   | 100              |
| STANDARD | <a href="#">1-1987559-2</a> | 4.0             | 12  | MINUS  | 100              |

## Dimensions



End Cap



Dust Cap



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USA: +1 (800) 522-6752  
 Canada: +1 (905) 475-6222  
 Mexico: +52 (0) 55-1106-0800  
 Latin/S. America: +54 (0) 11-4733-2200  
 Germany: +49 (0) 6251-133-1999  
 UK: +44 (0) 800-267666  
 France: +33 (0) 1-3420-8686  
 The Netherlands: +31 (0) 73-6246-999  
 China: +86 (0) 400-820-6015