



## Introducing SOLARLOK Straddle Edge Junction Box

The SOLARLOK straddle edge junction boxes are small profile, modular design junction boxes developed for BIPV (Building Integrated Photovoltaics) applications. These junction boxes can be mounted at the edge of the crystalline and thin film glass-glass solar panel modules. This series of products consists of junction boxes, plus socket connector, minus socket connector, end socket connector and cable assemblies.

# SOLARLOK Straddle Edge Junction Box



## KEY FEATURES

- One of the smallest edge junction boxes in the market
- Modular design can meet various size module application requirements
- Connectorized junction box termination allows for easy and reliable field installation

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## APPLICATIONS

- The SOLARLOK straddle edge junction box can be mounted at the edge of the glass-glass solar modules to meet curtain wall and see-through BIPV applications.

## ELECTRICAL

- Rated current : 11A (crystalline) and 3A (thin film)
- Rated voltage : 1000V DC

## MECHANICAL

- Operation temperature : -40°C to 85°C
- Protection level : IP67
- Applicable cable : 2.5 mm<sup>2</sup> and 4.0 mm<sup>2</sup>
- Robust material capable of being sealed to IP 67 at the power interface

## MATERIALS

- Housing : PPO (polyphenylene oxide), UV F1 rated material

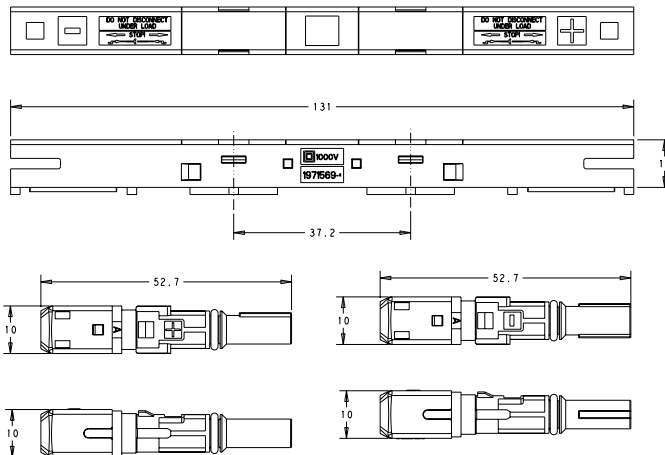
## STANDARDS

- TUV (soldering and potting)

## PRODUCT OFFERING

PN	Description
1971569-1	SOLARLOK Straddle Edge Junction Box (11A)
1971569-2	SOLARLOK Straddle Edge Junction Box (3A)
1971131-1	Plus Socket Connector
1971131-2	Minus Socket Connector
1971133-1	End Socket Connector

## PRODUCT DIMENSIONS



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