



### **Materials Included**

0399 Base, 0399 Cover, Cover Screw, Din Rail and Ground Bar

### **Installation Steps**

Step 1) Using the racking manufacturer supplied hardware, fasten the 0399 SolaDeck to the rail by inserting the bolts through the slot that best fits your application.

Step 2) The 0399 will self level as the bolts are tightened.

Step 3) Install outdoor rated NEMA 3R approved fittings and/or watertight conduit fittings in the sidewalls. There are 3/4" knockouts to eliminate drilling.

Step 4) Complete the wiring inside the junction box using the appropriate connectors and components that are suitable for the install.

Step 5) Using the tab on the cover, secure to the left or right side of the base and finish by turning the pre-installed cover screw clockwise until tight.

### **Specifications and Ratings**

Maximum Voltage: 1,000 VDC/240 VAC

Maximum Current: 100 Amps

Enclosure Rating: NEMA Type 3R

Ambient Operating Conditions: (-35°C) - (+75°C)

Compliance: UL1741, CSA C22.2 No. 290

System Marking: ETL Listed

Periodic Re-inspections: If re-inspections yield loose components, loose fasteners, or any corrosion between components, components that are found to be affected are to be replaced immediately.



# Warning! Important Safety Instructions!



## READ ALL INSTRUCTIONS AND SAFETY WARNINGS PRIOR TO INSTALLATION

**Save this manual** - It contains important instructions for the 0399 that should be followed during the installation and maintenance of this product. It should be stored near the products installation and be available at all times.

Installation of this product should be attempted only by qualified individuals only. Protect you and all persons and property during installation. If you have any doubt concerning your competence or expertise, consult a qualified expert to perform the installation. R.S.T.C. Enterprises, Inc. assumes no responsibility for the failure of an architect, contractor, installer, or building owner to comply with all applicable laws, building codes and requirements, and adequate safety precautions.

Grounding Instructions - The system should be connected to a grounded, permanent wiring system.

System wiring and grounding must comply with the latest edition NEC Code, ANSI/NFPA, and/or appropriate codes and is the responsibility of the installer.

Disconnecting means shall be installed in accordance with the Canadian Electrical Code, Part I and all other applicable codes. Before servicing fuses, disconnect all photovoltaic inputs and output circuits. Solar panels produce electrical current when light is present and during overcast weather. Do not wire from the array to the SolaDeck combiner. Complete all connections inside the SolaDeck first and then connect the array.

Requirements: 75°C copper wire. Use only code approved, appropriately UL listed or recognized components  
The 0399 SolaDeck is ETL listed to UL 1741; and CSA C22.2 No. 290 and rated 0 to 1000VDC/100 amps 10Ka short circuit; 0 to 240 VAC/100 amps 10Ka short circuit, ambient temperature rating (-35°C) - (+75°C). External pollution degree PD4, overvoltage category (OVC) II.

## WARNING!

DO NOT WORK ON ROOF IF SURFACE IS WET, FROSTED, ICE OR SNOW COVERED.

USE LADDERS SAFELY.

USE HAND & EYE PROTECTION WHEN WORKING WITH POWER TOOLS.

USE EXTREME CAUTION TO AVOID CONTACT WITH POWER LINES. CONTACT WITH POWER LINES, ELECTRIC LIGHTS OR POWER CIRCUITS MAY BE FATAL.

## Lifetime Warranty Information

**WARRANTOR:** RSTC Enterprises, Inc.

**ELEMENTS OF WARRANTY:** RSTC Enterprises, Inc. warrants this product is free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

**WHAT IS NOT COVERED:** This warranty covers only defects in materials and workmanship provided by RSTC Enterprises, Inc. and does not cover equipment damage or malfunction from misuse, abuse, accident, and act of God. Installation must be in accordance with our written instructions. RSTC Enterprises, Inc. will not be liable for any installation charges associated with replacement incidental or consequential damages resulting from your use of or inability to use the product.

**REMEDY:** Your only remedy under this warranty is the exchange or replacement in the event that the product does not conform to this warranty. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

**CLAIMS PROCESS:** To make a claim under this warranty, the product should be shipped postage paid to:

**RSTC ENTERPRISES, INC**  
**1501 Continental Drive**  
**EAU CLAIRE, WI 54701**  
1-866-367-7782 or [www.soladeck.com](http://www.soladeck.com)