



Model: SCB-PW4

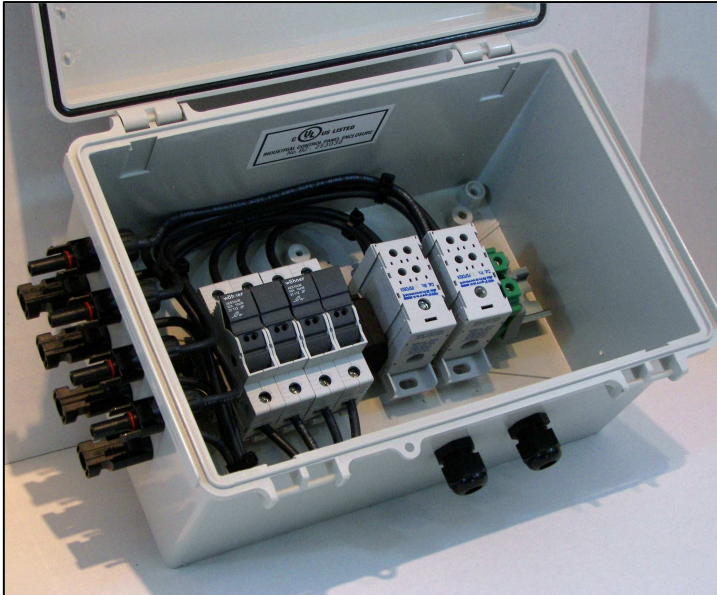
Compact, Pre-wired, Fused Solar Power Combiner Box

FEATURES & BENEFITS

- 4-String Solar Panel Configuration
- Continuous Duty Rated at 600 Vdc
- Touch-safe Fuse Holders and Terminal Blocks
- All UL Compliant Components
- Weatherproof, Non-conductive Box
- Includes Output Circuit Cable Glands
- Pre-wired With Standard MC4 Connectors

APPLACATIONS

- Remote Solar Power Systems
- Reduces Wiring to Inverter Box



DESCRIPTION

Model SCB-PW4 – Pre-wired, Compact, Solar Power Combiner Box features a weatherproof, non-conductive, UL listed enclosure. Unit is pre-wired with industry standard MC4 style connectors with a 4-string configuration. Rated for 600 Vdc continuous duty.

Model Includes: UL Listed Enclosure, Touch-safe Fuse Holders and Terminal Blocks, Pre-wired MC4 Connectors, Watertight Output Circuit Cable Glands, Safety Labels and Mounting Ears.



Output Cable Gland



Safety Labels

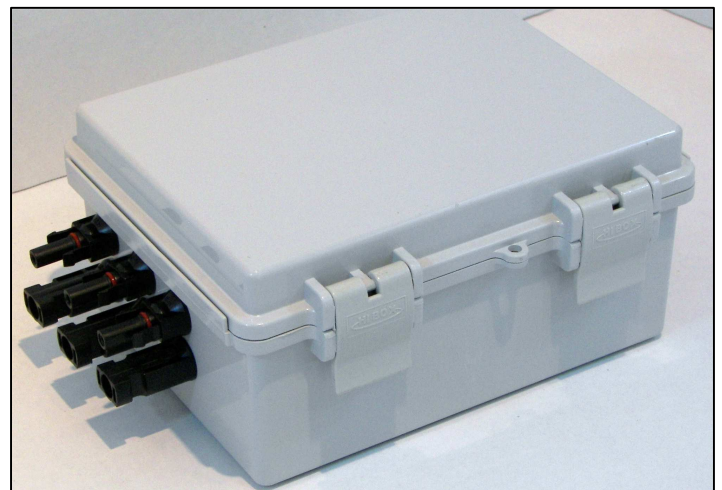


Mounting Ears



NEMA 4X Enclosure

Optional Lightning/Surge Protection Module Available



Model: SCB-PW4

General Specifications

Operating Temperature: -40 to 130 °F (-40 to 60 °C)

Enclosure Size: 11.8 x 7.9 x 6.3" (299 x 201 x 160 mm)

Enclosure: Material: PC/PBT Blended Plastic, , UV Stabilized

Enclosure Rating: NEMA 4X, UL Listed



Caution: Electrical Shock hazard. This product should be installed and wired by a trained licensed professional.

Available Models

Model Number	SCB-PW4	SCB-PW4-LP
Input Circuits	4	4
Input Circuit Connection (Pre-wired)	MC4	MC4
Output Wire Size	2/0-14 AWG	2/0-14 AWG
Earth Ground Terminal	1 Ea, 8-14 AWG	1 Ea, 8-14 AWG
Max Voltage Rating	600 Vdc	600 Vdc
Max Current Per Input Circuit	20 Amps	20 Amps
Max Total DC Output Current	80 Amps	80 Amps
Lightning/Surge Protection	N/A	500V

Note: Continued product improvements make specifications subject to change without notice. Check www.imagineinstruments.com for the latest product information and updates

© 2013 :: Imagine Instruments LLC :: 4500 Williams Drive, Ste 212-318 :: Georgetown, TX 78633 :: p. (855)574-6243
e-mail: info@imagineinstruments.com :: www.imagineinstruments.com

Released: 27 June, 2013 :: Rev: B