



Series: CSCB1

Compact Solar Power Combiner Box

FEATURES & BENEFITS

- Models for 2 or 3 String Configuration
- Continuous Duty Rated at 600 Vdc
- Touch-safe Fuse Holders & Distribution Blocks
- All UL Compliant Components
- Weatherproof, NEMA 4X Fiberglass Box
- Includes Input/Output Circuit Cable Glands

APPLICATIONS

- Remote Solar Power Systems
- Reduces Wiring to Inverter Box

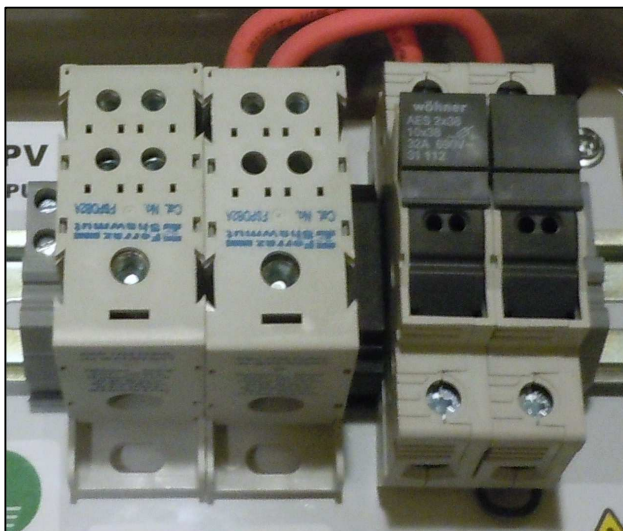


Model: CSCB1-3 Shown

DESCRIPTION

CSCB1 Series – Compact, Solar Power Combiners feature a weatherproof, non-conductive Fiberglass, UL listed enclosure. Models are available for 2 or 3 string configurations and are rated for 600 Vdc continuous duty.

Models Include: UL Listed Enclosure, Touch-safe Fuse Holders & Power Distribution Blocks, Input/Output Cable Glands, Safety Labels and Mounting Ears



Touch-safe Fuse Holders & Power Distribution Blocks



Cable Glands, Mounting Ears & Safety Labels

Series: CSCB1

Weatherproof Enclosure

Weatherproof, UL listed, NEMA 4X rated enclosure. Design includes stainless steel hinges and a gasketed lid for outstanding corrosion resistance.

Fuse Holders

UL compliant, touch-safe fuse holders feature a 690 Volt rating and are designed for cylindrical 10 x 38mm fuses.

Power Distribution Blocks

These UL listed components feature a strong base made from high impact plastic and is rated for use up to 600 Volts.

Labeling

Each box includes industry standard safety labels.

General Specifications

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

Enclosure Size: 9.6 x 7.8 x 4.8" (244 x 198 x 123 mm)

Enclosure: Material: Fiberglass/Plastic Blend

Enclosure Rating: NEMA 4X, UL Listed

*Fuse Size: 10 x 38mm



Model: CSCB1-2 Shown



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

Available Models

Model Number	CSCB1-2	CSCB1-3
Fused Input Circuits	2	3
Input Wire Size	8-14 AWG	8-14 AWG
Output Wire Size	2/0-14 AWG	2/0-14 AWG
Earth Ground Terminals	2 Ea, 8-14 AWG	2 Ea, 8-14 AWG
Max Voltage Rating	600 Vdc	600 Vdc
Max Current Per Input Circuit	15 Amps	15 Amps
Max Total DC Output Current	60 amps	90 amps

*Fuses Not Included.

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

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