

# Compact (SL Series) Solar Combiners

## Applications:

Eaton's Crouse-Hinds Compact Solar Combiner Boxes are designed and built to provide long, dependable service in a low-profile space-saving design. Compact combiners are third-party listed to UL1741 to provide long, dependable service and peace of mind. They are available from factory stock in either four or six circuits with or without fuses to meet tight job delivery requirements. Engineered, manufactured, and listed NEMA 4X, they can be mounted either vertically or horizontally and are designed to perform in the harshest environmental conditions. They are the ideal compact solution for commercial rooftop installations with tight space and NEMA 4X requirements offering maximum performance in a smaller physical footprint.

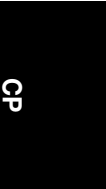
## Features:

- Available in either 4 or 6 input circuit models to match the most common customer requirements for a compact combiner
- Continuous duty rated at 600 VDC
- NEMA 4X fiberglass 8 x 8 x 6 enclosures with captive stainless steel screws and formed-in-place polyurethane seamless gasket provided as standard
- Third-party certified to UL1741 and CSA Standard C22.2 No. 107.1
- Touch-Safe fuse holders and power distribution blocks for safe operation
- 90°C output terminals
- Configured for positive and negative grounded arrays\*
- Ground blocks included
- External mounting feet included for quick, easy installation
- Rated for continuous operation at 50°C
- 15A max. fuse size
- Eaton's Bussmann UL2579 fast-acting 600 VDC Midget fuses provided as standard with fused models

\*Negative fused configurations available for positive grounded arrays. Replace F15 with NF15 in the catalog number.

## Technical Specifications:

- 600 VDC
- 15A Max. Fuse Size (A)
- 9.6A Max. PV Module Short Circuit Current
- 50°C Ambient
- #14-#8 Input Conductors
- #2 AWG Output Conductors
- Dimensions (in.) 08 x 08 x 06
- NEMA 4X
- Suitable for vertical or horizontal mounting



## Certifications and Compliances:

- cETLus 1741 Listed
- CSA Standard C22.2 No. 107.1
- NEMA 4X



## Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Non-conductive, impact-resistant, UV resistant, flame retardant
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Stainless steel used on all external hardware

## Ordering Information:

| Cat. #       | Number of Strings | Max Current (A) | Description   |
|--------------|-------------------|-----------------|---|
| CCBF04SL     | 4                 | 48              | 4 string compact combiner, N4X Fiberglass           |
| CCBF04SL F15 | 4                 | 48              | 4 string compact combiner, N4X Fiberglass, 15A Fuse |
| CCBF06SL     | 6                 | 72              | 6 string compact combiner, N4X Fiberglass           |
| CCBF06SL F15 | 6                 | 72              | 6 string compact combiner, N4X Fiberglass, 15A Fuse |