

Make the Right Connection with Your Next Solar Power Installation

Cooper Bussmann Combiner Boxes Contain the Innovative Components Developed by the Experts in Overcurrent Protection

Standard Combiner Box (BCBS Series)

- 4 to 24 Input circuits
- ETL Listed to UL 1741 Standard
- Configured for both positive and negative grounded arrays
- Single or dual 90°C[†] output terminals
- Steel or fiberglass NEMA 3, 3R, 4 or 4X enclosures with seamless door gaskets
- Negative Input Terminal Blocks
- Fuses mount in the IP20 finger-safe CH Series modular fuse holder
- Finger-safe power distribution blocks
- All products are assembled in the USA

Integrated Disconnect Combiner Box (BCBD Series)

- Save time and money with an all-in-one package
- Easily disconnect the power for servicing or safety
- Lockout/tagout for regulatory compliance
- Same features as the BCBS Series with choice of 28, 55, 75, 150 or 245A integrated disconnect

Compact Combiner Boxes (BCBC Series)

- Ideal for small and residential installations
- 2 to 6 Input circuits
- NEMA 4X Polycarbonate enclosure
- Ground blocks included
- External mounting feet included

Utilizes DCM or KLM Fuses - Up to 600Vdc, 30A and 50kA IR

- DCM or KLM midjet fuse in ratings from 1 to 30 amps
- Rated at 600Vdc with a 50kA interrupting rating
- Fuses installed when specified

Common Configurations In Stock

- Available for quick shipment

See Data Sheet 2054 for more information.

[†] Can accept 90°C wire, but must be derated to 75°C Cu wire per the NEC®.



Shown with optional disconnect switch.

Cooper Bussmann Solar Combiner Box Catalog Numbering System

Example: **BCBD28-24-30R = B C B D 2 8 - 2 4 - 3 0 R**

Series Prefix

- BCBS – Combiner Box
- BCBD – Combiner Box with Integrated Disconnect
- BCBC – Compact Combiner Box

Disconnect Ampacity

For ordering BCBD Series only - otherwise, leave blank

28 55 75 150 245

Number of Poles Available (by Series)

BCBS & BCBD Series:	04	08	12	16	20	24
BCBC Series:	02	03	04	05	06	

Fuse Size (amps)*

00 – No Fuses Included						
01	03	05	08	10	15	25
02	04	06	09	12	20	30

Enclosure**

- R – NEMA 3/3R 4 – NEMA 4 (Powder Coated Steel)
- F – NEMA 4X (Fiberglass) P – NEMA 4X (Polycarbonate)

* When fuses are specified, DCM or KLM 600Vdc fuses are included.
 **BCBC Series has only Option "P." Option "P" not available on BCBS and BCBD Series.



600Vdc DCM* or KLM** Midget Fuse

IP20 Finger-safe CH Series Modular Fuse Holders***



Finger-safe PDBFS Power Distribution Blocks****

* See Data Sheet 2038 for details.
 ** See Data Sheet 2020 for details.
 *** See Data Sheet 2053 for details.
 **** See Data Sheet 1049 for details.

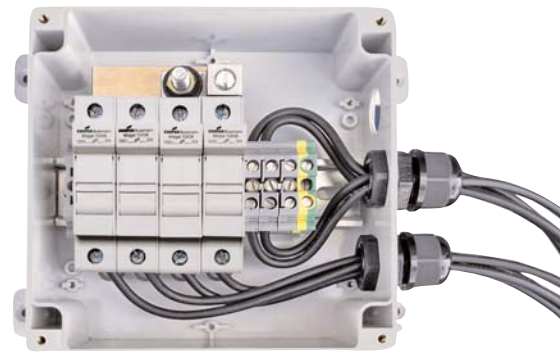
**Selection and quality -
 it's what's inside
 that counts**



BCBS Series Standard Box (BCBS-12-30F)



BCBD Series Integrated Disconnect Box (BCBD150-12-15R)



BCBC Series Compact Box (BCBC-04-10P)