

Residential Combiner Boxes



Shoals’ Residential Combiner Boxes can be purchased off the shelf or customized to fit your home installation needs. Residential Combiner Boxes are UL approved, available in both fiberglass and metal, and can be outfitted with as many fuses as needed per your application.

Technical Data	STG.CBR.3	STG.CBR.6	STG.CBR.12
Voltage Rating (VDC)	600	600	600
Maximum Wire Size	10	10	10
Maximum DC Current	45	72	72
Maximum Continuous Current	36	58	58
Maximum Voltage (VDC)	600	600	600
Max. Positive Input Wire Size (AWG)	6	6	6
Max. Negative Input Wire Size (AWG)	4	4	4
Output Wire Size (AWG)	2-14	2-14	2-14
Overall Dimensions	8" x 8" x 4"	8" x 10" x 4"	12" x 10" x 4"
Enclosure Rating	NEMA 4X	NEMA 4X	NEMA 4X
Number of Fuse Poles	3	6	12
Maximum Input Fuse Rating (A)	15	12	6
Operating Temperature (C°)	-40 to 50	-40 to 50	-40 to 50

Features

- Finger-safe fuse holders
- Reinforced, plated buss bars
- Lockable enclosures
- Built to UL1741
- Non-conductive NEMA 4X enclosure
- 5-year warranty standard on all models

Accessories

Ridgeline harnesses are available to streamline installations, by reducing wire requirements & specialized labor.



Available with



RESIDENTIAL COMBINER BOX
PART NUMBER: STG.CBR.6



RESIDENTIAL COMBINER BOX
PART NUMBER: STG.CBR.3



RESIDENTIAL COMBINER BOX
PART NUMBER: STG.CBR.12