



# 1500 V SUPER COMBINER

## ABOUT

The Shoals™ 1500 V Super Combiner series is compliant with IEC and AS/NZS standards and is utilized to combine one or more miniBLA circuits when the fuse size does not exceed 200A.

Lab-proven under full load during static heating sequence test with fuses installed, the Shoals 1500 V Super Combiner series is designed for maximum durability and years of uninterrupted, real-world service.

## FEATURES

- Blade-style fuse holders
- Up to 500 A, 1500 V disconnect, 100% load-break rated
- Tin-plated bus bars rated for 90 °C, Cu/Al
- IP67 Breather vent reduces internal condensation
- Safety shield covers all live components
- Designed for ease of cable installation
- Surge protection device, Type II (Type I+II available)
- IP66 pad-lockable enclosure
- Standard 5-year warranty
- Compliant with EN 61439-2 and AS/NZS 61439-2 standards

## OPTIONS

- Pre-installed IP68 glands
- Pre-installed HDG uni-strut
- Pre-installed HDG mounting kits
- Pre-installed drain vent

TECHNICAL INFORMATION	STG.DCR.xx.CaaaBASC.DND-EUs <sup>(a)</sup>	STG.DCR.xx.CaaaFASC.fND-AUs <sup>(a)</sup>
Max. System Voltage	1500 VDC	1500 VDC
Rated Output Current	400 A or 500 A	400 A or 500 A
Max. Overcurrent Protection	200 A	200 A
Number of Input Circuits	3 or 4	3 or 4
Input Wire Size	Up to 95 mm <sup>2</sup>	Up to 95 mm <sup>2</sup>
Output Wire Size	Up to (2) 400 mm <sup>2</sup>	Up to (2) 400 mm <sup>2</sup>
Ground Wire Size	Up to 35 mm <sup>2</sup>	Up to 35 mm <sup>2</sup>
Enclosure Rating	IP66	IP66
Max. Ambient Temp. Rating	50 °C	50 °C
Enclosure Size (H x W x D)	1000 x 800 x 300 mm <sup>(b)</sup>	1000 x 800 x 300 mm <sup>(b)</sup>
Approximate Weight	56 kg	56 kg

(a) xx = number of inputs (03 or 04)  
 aaa = disconnect rating (400 or 500)  
 f = fuse protection ("T" for positive only, "W" for dual fused)  
 s = spd type (none for Type II, "2" for Type I+II)  
 (b) Dimension refers to trade size. See project drawings for exact dimensions.

Product design and specification subject to change or modification without notice.

