



Item pictured is STG.JNB.01.C400ACNC0100

# TRANSITION BOX

## ABOUT

The Shoals BLA Transition Box series is used with our innovative BLA system for maximum flexibility and reducing DC feeder sizes. The Transition Box adds additional versatility to the BLA solution for above-ground to below-ground transitions.

Lab-proven under full load during static heating sequence testing, the BLA Transition Box is designed for maximum durability and years of uninterrupted, real-world service.

## FEATURES

- Plated bus bars rated for 90°C, Cu/Al
- 2-hole NEMA 1/2" x 1-3/4" mounting configuration
- Breather vent reduces internal condensation
- Safety shield covers all live components
- Designed for ease of cable installation
- NEMA 4X pad-lockable enclosure
- Standard 5-year warranty
- ETL certified to UL1741

## OPTIONS

- Surge protection device, Type I (some models)
- Pre-punched conduit knockouts
- Pre-installed NEMA 4X glands
- Pre-installed HDG uni-strut
- Pre-installed HDG mounting kits
- Pre-installed drain vent

TECHNICAL INFORMATION	STG.JNB.01.C400ACNC0s00 <sup>(a)</sup>	STG.JNB.01.C400CJNC0s00 <sup>(a)</sup>	STG.JNB.02.C400ACNC0s00 <sup>(a)</sup>	STG.JNB.02.C400ZCNC0s00 <sup>(a)</sup>
Max. System Voltage	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Rated Output Current	400A	400A	400A per circuit	400A per circuit
Rated Input Current	400A	400A	400A per circuit	400A per circuit
Number of Input Circuits	1	1	2	2
Input Wire Size	Up to (1) 600 MCM	Up to (2) 350 MCM	Up to (1) 600 MCM	Up to (1) 600 MCM or (2) 350 MCM
Output Wire Size	Up to (1) 600 MCM	Up to (2) 350 MCM	Up to (1) 600 MCM	Up to (1) 600 MCM or (2) 350 MCM
Ground Wire Size	(4) 1/0-14 AWG and (9) 6-14 AWG	(4) 1/0-14 AWG and (9) 6-14 AWG	(4) 1/0-14 AWG and (9) 6-14 AWG	(4) 1/0-14 AWG and (9) 6-14 AWG
Enclosure Rating	TYPE 4X	TYPE 4X	TYPE 4X	TYPE 4X
Max. Ambient Temp. Rating	50°C	50°C	50°C	50°C
Enclosure Size (H x W x D)	20" x 16" x 8" <sup>(b)</sup>	20" x 16" x 8" <sup>(b)</sup>	20" x 24" x 10" <sup>(b)</sup>	20" x 24" x 10" <sup>(b)</sup>
Approximate Weight	29 lbs	34 lbs	45 lbs	45 lbs

(a) s = surge type ("0" for none, "1" for Citel, or "2" for ABB)  
 (b) Dimension refers to trade size. See project drawings for exact dimensions.  
 Product design and specification subject to change or modification without notice.

