



Item pictured is STG.SPL.xx.C600NNA.ASN

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.SPL.xx.C600NNA.AeN ^(a)	STG.SPL.xx.C600NNA.AeN ^(a)	STG.SPL.01.C400NNA.Aes ^(a)	STG.SPL.01.C400NDD.Aes ^(a)
Max. System Voltage	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Rated Output Current	600A per circuit	600A per circuit	400A	400A
Rated Input Current	600A per circuit	600A per circuit	400A	400A
Number of Input Circuits	5-6	1-4	1	1
Input Wire Size	Up to (1) 1000 MCM	Up to (1) 1000 MCM	Up to (1) 1000 MCM	Up to (1) 750 MCM or (2) 600 MCM
Output Wire Size	Up to (1) 1000 MCM	Up to (1) 1000 MCM	Up to (1) 1000 MCM	Up to (1) 750 MCM or (2) 600 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	NEMA 4X	NEMA 4X	NEMA 4X	NEMA 4X
Max. Ambient Temp. Rating	50°C	50°C	50°C	50°C
Enclosure Size (H x W x D)	30" x 36" x 10" ^(b)	30" x 24" x 10" ^(b)	24" x 20" x 10" ^(b)	24" x 20" x 10" ^(b)
Approximate Weight	100 lbs	70 lbs	40 lbs	45 lbs

(a) xx = number of inputs (01-06)

e = enclosure type ("A" for Allied or "S" for Stahlin)

s = surge type ("A" for ABB or "C" for Citel)

(b) Dimension refers to trade size. See project drawings for exact dimensions.

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

