



Item pictured is STG.SPL.xx.C600NNAA.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 M12 x 44.5mm mounting configuration
- Breather vent reduces internal condensation
- Safety shield covers all live components
- Designed for ease of cable installation
- IP67 pad-lockable enclosure
- Standard 5-year warranty
- TUV Certified to IEC61439-2

OPTIONS

- Surge protection device, Type I (some models)
- Pre-punched conduit knockouts
- Pre-installed IP68 glands
- Pre-installed HDG uni-strut
- Pre-installed HDG mounting kits
- Pre-installed drain vent

TECHNICAL INFORMATION	STG.SPL.xx.C600NNAA.AeN ^(a)	STG.SPL.xx.C600NNAA.AeN ^(a)	STG.SPL.01.C400NNAA.Aes ^(a)	STG.SPL.01.C400NNDD.Aes ^(a)
Max. System Voltage	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Rated Output Current	600A	600A	400A	400A
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Number of Input Circuits	5-6	1-4	1	1
Input Wire Size	Up to (6) 127 mm ²	Up to (4) 127 mm ²	Up to (1) 500 mm ²	Up to (1) 400mm ² or (2) 300mm ²
Output Wire Size	Up to (1) 500 mm ²	Up to (1) 500 mm ²	Up to (1) 500 mm ²	Up to (1) 400mm ² or (2) 300mm ²
Ground Wire Size	2.5-50mm ²	2.5-50mm ²	2.5-50mm ²	2.5-50mm ²
Enclosure Rating	IP67	IP67	IP67	IP67
Max. Ambient Temp. Rating	50°C	50°C	50°C	50°C
Enclosure Size (H x W x D)	760 x 915 x 250 mm ^(b)	760 x 610 x 250 mm ^(b)	610 x 510 x 250 mm ^(b)	610 x 510 x 250 mm ^(b)
Approximate Weight	45 kgs	32 kgs	18 kgs	20 kgs

(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.