



Item pictured is STG.DCD.01.C400BNDD.DSA

1500V DISCONNECT BOX

ABOUT

The Shoals BLA Disconnect series is an essential part of our innovative BLA system, and is compliant with NEC 2017/2020. Providing isolation using a 100% load-break rated disconnect, these disconnect boxes remove the fuses and fuse holders from inside traditional combiner boxes and move them to the harness, where the cooler surrounds allow their more reliable performance.

Lab-proven under full load during static heating sequence testing, the BLA Disconnect is designed for maximum durability and years of uninterrupted, real-world service. Field installation time has been slashed, space for cable terminations generously increased, and O & M torque points reduced by up to 63%.

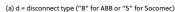
FEATURES

- · 400A, 1500V disconnect, 100% load-break rated
- 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
- Surge protection device, Type I
- NEMA 4X pad-lockable enclosure
- Standard 5-year warranty
- Compliant with NEC 2017/2020
- ETL certified to UL1741

OPTIONS

- Pre-punched conduit knockouts
- Pre-installed NEMA 4X glands
- Pre-installed HDG uni-strut
- Pre-installed HDG mounting kits
- Pre-installed drain vent

STG.DCD.01.C400dNDD.Des ^(a)	STG.DCD.01.C400dNCC.Des ^(a)	STG.DCD.01.C400dNOO.Des ^(a)
1500 VDC	1500 VDC	1500 VDC
400A	400A	400A
400A	400A	400A
320A	320A	320A
1	1	1
Up to (1) 750 MCM or (2) 600 MCM	(1) 800 MCM, (2) 700 MCM, (3) 600 MCM ^(b)	Up to (1) 1000 MCM or (2) 800 MCM
Up to (1) 750 MCM or (2) 600 MCM	(1) 800 MCM, (2) 700 MCM, (3) 600 MCM ^(b)	Up to (1) 1000 MCM or (2) 800 MCM
(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
NEMA 4X	NEMA 4X	NEMA 4X
50°C	50°C	50°C
24" x 20" x 10" ^(c)	30" x 24" x 10" ^(c)	30" x 24" x 10" ^(c)
55 lbs	70 lbs	70 lbs
	1500 VDC 400A 400A 320A 1 Up to (1) 750 MCM or (2) 600 MCM Up to (1) 750 MCM or (2) 600 MCM (4) 1/0-14 AWG and (9) 6-14 AWG NEMA 4X 50°C 24" x 20" x 10"(c)	1500 VDC 400A 400A 400A 400A 320A 320A 1 1 1 Up to (1) 750 MCM or (2) 600 MCM (1) 800 MCM, (2) 700 MCM, (3) 600 MCM ^(b) Up to (1) 750 MCM or (2) 600 MCM (1) 800 MCM, (2) 700 MCM, (3) 600 MCM ^(b) (4) 1/0-14 AWG and (9) 6-14 AWG (4) 1/0-14 AWG and (9) 6-14 AWG NEMA 4X NEMA 4X NEMA 4X 50°C 50°C 24" x 20" x 10"(c)



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

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

(b) Landing (3) 600 MCM lugs requires special adapter kit. (c) Dimension refers to trade size. See project drawings for exact dimensions

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





