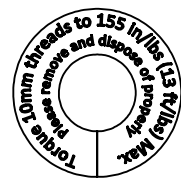


**Technical data:**

Handle Material:	Red GF Nylon 6
Upper Housing Material:	Zinc Diecast
Lower Housing Material:	GP Phenolic
Min. Insulation Resistance:	100 Mohm
Dielectric Withstanding Voltage:	1,100V -1min
Voltage Drop Max.:	0.175 mV
Voltage:	48 VDC
Continuous Rating:	300 A
Overload:	1,100 A - 240sec. 1,500 A - 90sec. 2,000 A - 30sec
Sealing:	IP67
Vibration:	4G / 50-2KHz
Shock:	6G / 11ms
Temperature Range:	-40C to +85C
Terminal Torque:	155 in.lb
Mounting Torque:	18 ft.lb

**TERMINAL TAG**



**PRODUCT LABEL**  
500S-300 YYWW  
48VDC-300AMPS  
**SHALCO**

**UPC BARCODE**  
5 TYP.  
1.5 TYP.

**PROPRIETARY AND CONFIDENTIAL**  
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REV.	DESCRIPTION	DATE	APP'D
	REVISIONS		

	NAME	DATE
DRAWN	JRT	4-15-15
CHECKED		
ENG APPR.	RMF	4-15-15
MFG APPR.		
Q.A.		

DIMENSIONAL TOLERANCES (in):  
FRACTIONAL: ± 1/32  
ANGULAR: MACH ± 1.0 BEND ± TWO PLACE DECIMAL : ± 0.020  
THREE PLACE DECIMAL : ± 0.010

**SHALCO**  
308 COMPONENTS DRIVE, SMITHFIELD, NC 27577 USA  
DO NOT SCALE DRAWING  
TITLE: **BATTERY SWITCH 48VDC-300AMP**  
MATERIAL: SEE TECHNICAL DATA FINISH: SEE TECHNICAL DATA  
BLANK WEIGHT: N/A PART WEIGHT: 0.75 LBS  
SIZE **A** DWG. NO. **500S-300** REV. **D**  
SCALE: 1:1.5 FILENAME: 500S-300 WWW.SHALCO.COM

DWG NO: 500S-300