



MODEL NO.: A31-5K-120V-A6-100N-02672

CPN: 141536

Serial No. : 413333-1	Test Date: 1/29/2021	Spec: G4-A31
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INPUT DC VOLTAGE	NO LOAD			FULL LOAD		
	Input Amps	Output AC Voltage	Output AC Amps	Input DC Amps	Output AC Voltage	Output AC Amps
115.0	4.9	126.8	0	47.8	114.1	41.7
120.0	5.0	127.0	0	46.5	115.8	41.7
130.0	4.6	127.2	0	43.4	117.8	41.7
140.0	4.5	127.4	0	40.7	119.2	41.7
155.0	4.4	127.7	0	37.4	120.8	41.7

Total Harmonic Distortion @ Nominal Full Load: 2.80 %

Unit Operating Limits		
	Pull In	Drop Out
High DC Voltage	157.0	160.0
Low DC Voltage	131.0	110.0

Dielectric Test (1 second)	
DC to Gnd	1515 Volts
AC to Gnd	1490 Volts
AC to DC	1490 Volts

Static Switch (x indicates provided)		
	Not provided	
X	Inverter Prime Source	1600 uS transfer time
	Line Prime Source	0 uS transfer time

Breaker Ratings	
ACB	50 A
DCB	80 A

Option	Description	Check
22P	PRIME STATIC SWITCH 1MS	<input checked="" type="checkbox"/>
06C	DC AMMETER (2%)	<input checked="" type="checkbox"/>
06D	DC VOLTMETER (2%)	<input checked="" type="checkbox"/>
22A	22A RELAY PACKAGE	<input checked="" type="checkbox"/>
22D	DIG METER PKG (22P & 22S)	<input checked="" type="checkbox"/>
09V	I. D. TAGS (WBW)	<input checked="" type="checkbox"/>
311	SPL DATA ON DWGS PER CUST	<input checked="" type="checkbox"/>
09W	WIRE MARKERS - HEAT SHRINK	<input checked="" type="checkbox"/>

The data shown in this report is certified to be correct.

Signed By: *Robert J. Brewer*

Printed Name: Robert J. Brewer

Title: Quality Control Manager

Date: 2/11/2021