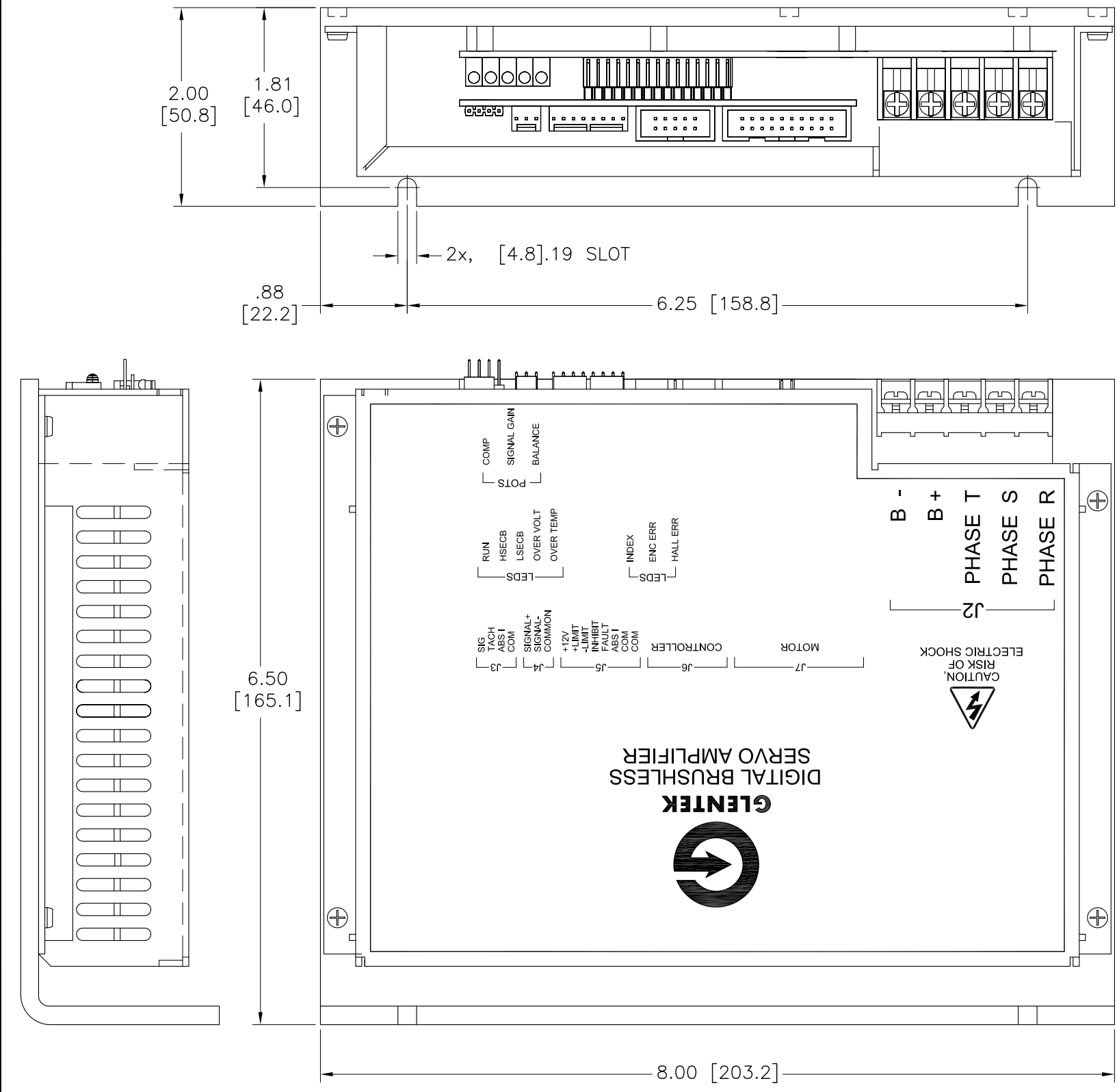


4 3 2 1

REVISION HISTORY						
ZONE	REV	DESCRIPTION	ECO	DATE	CHANGED	APPD
-	A	INITIAL RELEASE	4002	16NOV17	NTHALLA	L.P.
-	B	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY	4404	09JAN18	NTHALLA	L.P.
-	C	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY	4286	02MAR18	L.L.	L.P.
-	D	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY.	4462	20JUN18	NTHALLA	L.P.
-	E	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY.	5002	30APR21	N.T.	L.P.
-	F	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY.	5083	01SEP22	N.T.	L.P.
-	G	UPDATED TO REFLECT CHANGES MADE IN SUB ASSY.	5222	14DEC22	P.J.S.	L.P.

Specifications and Features	
Supply Voltage	250-350VDC (340VDC TYPICAL)
Peak Current Output	± 30 A max.
Continuous Current Output	± 19 A max. (With forced air cooling)
Switching Frequency	18 KHz (output) (9 KHz clock)
Heatsink Thermal Switch	75 °C
Bandwidth	3 KHz
Amplifier Type	Velocity Mode
Amplifier Isolation	Bus and Phase completely isolated from signal input.
Input Command Signal (Adjustable Gain)	±20V differential.
Hall U, V, W	Pull Up to 5 V Logic Levels
Encoder Feedback	Accepts 8192 line resolution.
Fault Out / (Fault In)	Open collector pulled up to 15V thru 5K resistor.
Current Monitor Out	4.0 A/V, Absolute Value
Low Speed Electronic Circuit Breaker (LS/ECB)	Trip level: 19 Amps Trip Time: 4.3 Sec.
Bus Over Voltage	Trips nominally at 450 VDC.
Amplifier Over temperature	Amplifier faults and is inhibited if the heatsink temp. reaches 75 °C
Green LED Indicator	Encoder Index Signal.
Red LED Indicator (D3)	-Hall Error
Red LED Indicator (D2)	-Encoder Error
Operating Temperature	0 °C to +65 °C
Storage Temperature	-40 °C to +80 °C
Humidity	5% to 95% non-condensing
Dimension (L x H x W - in)	8.00 x 6.50 x 2.00
± Limits	Pulled Down
Inhibit	Pulled Down
Encoder Error In	Pulled Down



NOTES:
 1. ALLOW 7" MINIMUM HEIGHT CLEARANCE.
 2. NEVER GROUND THE OUTPUTS OF THE AMPLIFIERS.
 3. USE SHIELDED CABLE FOR COMMAND SIGNAL.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVAL	DATE
TOLERANCES ARE AS FOLLOWS: DECIMAL: .XX = ±0.01 .XXX = ±0.005 ANGULAR: < = ±0.5°	DWN BY: NTHALLA	16NOV17
	CHK BY: L.L.	16NOV17
FINISH: 125 / MAXIMUM	APP BY: L.P.	16NOV17

GLENTTEK "Solutions for Motion Control"
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DRAWING TITLE
**INSTALLATION DRAWING,
 SMA8715HP-3**

SIZE C	MODEL SMA8715HP-3	DRAWING NUMBER 7781-1	REV G
SCALE: 1:1	FILE NAME: 7781-1-G.DWG	SHEET 1 OF 1	

CONFIGURATION CODE: -

4 3 2 1