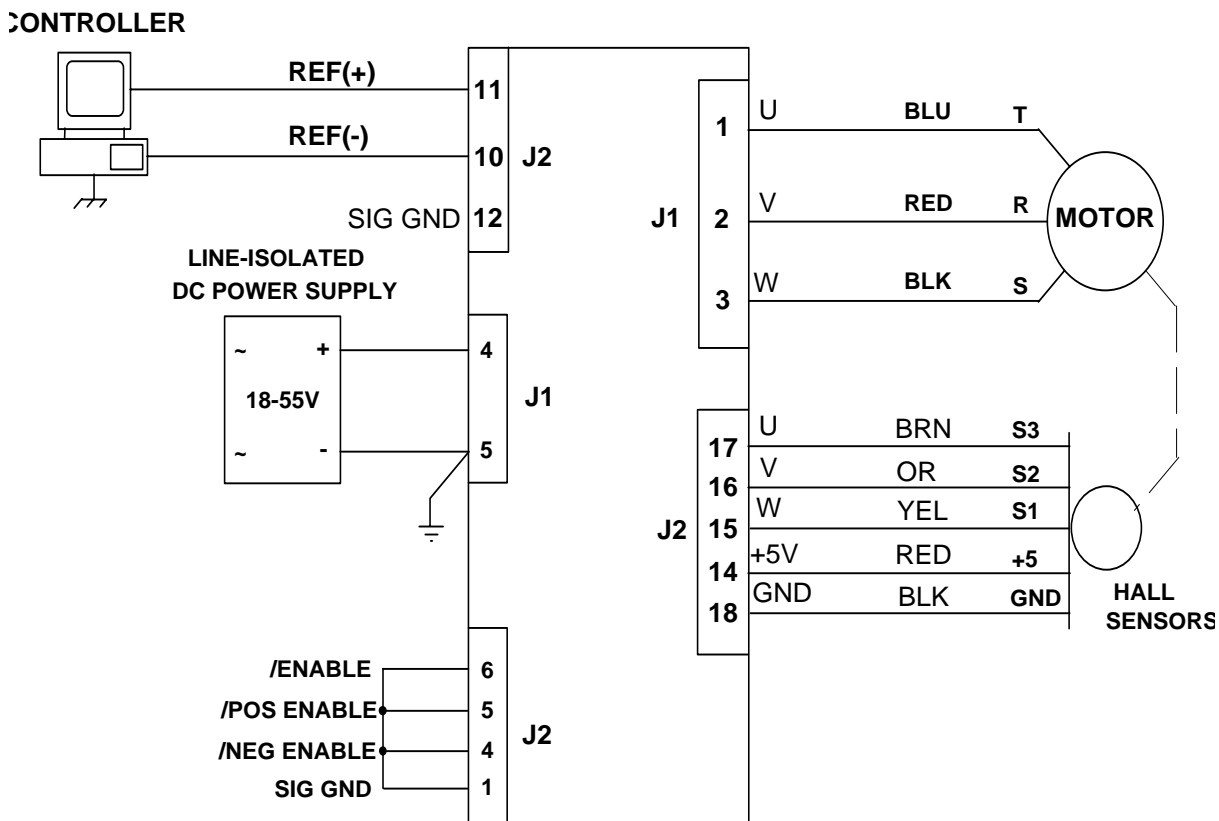


Brushless Motor Application Note # 69

Motor Custom Servo MPM 662H-806
 $L_a = 2.2 \text{ mH}$, $R_a = 1.8 \Omega$, $K_e = 8.1 \text{ Vrms/Krpm}$

Amplifier 503 [Current mode]

Wiring



Remarks

Header Components:

RH1 = 499 K Ω Current Loop Bandwidth at 45 Vdc -3 dB = 1.5 KHz \approx -20%
 CH2 = 1.5 nF With RH1 sets load compensation for 2.2 mH (default values)
 RH6 = 24.9 K Ω With RH7 sets transconductance for 0.4 A/V \pm 10%
 RH7 = 24.9 K Ω With See RH6