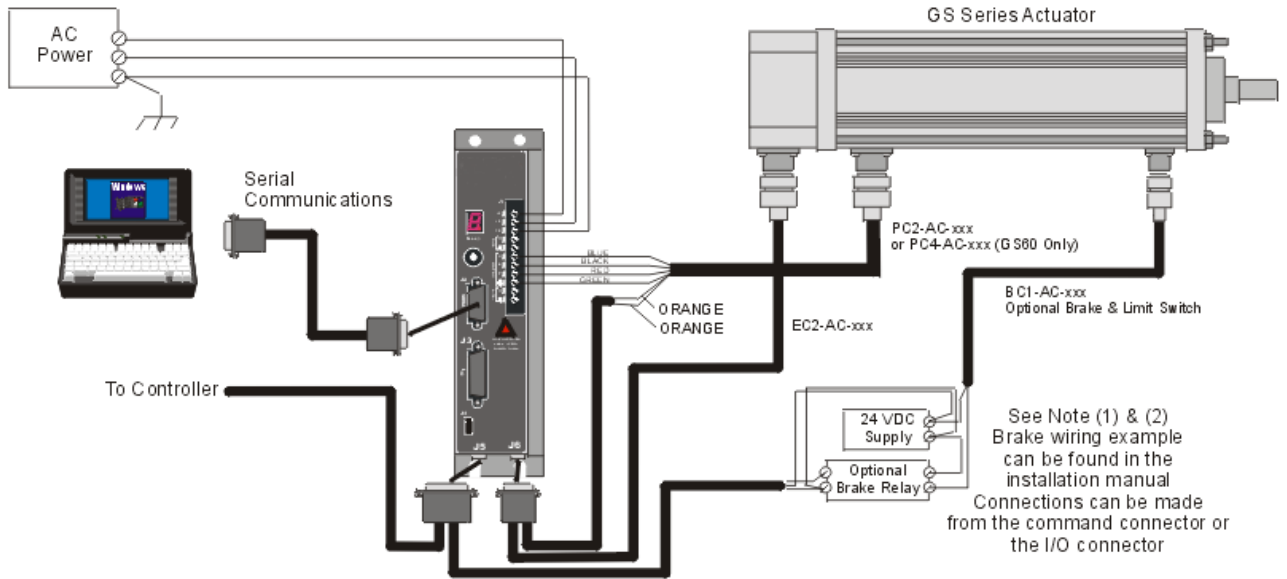


7.1a Emerson Epsilon Drive with GS/X Series Actuator (O Connector Option)

SYSTEM OVERVIEW



Motor Cable PC2-AC-XXX			
Exlar Connector	Wire Color	Function	Epsilon-XXX Connector
A	Red	R Phase	R
B	Black	S Phase	S
C	Blue	T Phase	T
D	Green	GND	⊕

Encoder Cable EC2-AC-XXX			
Exlar Connector	Wire Color	Function	J5, DB-26 Connector
T	Red	Power	7
J	Black	Common	17
G	Green	A+	1
H	Green/Black	A-	10
F	Blue	B+	2
S	Blue/Black	B-	11
E	Orange	Z+	3
R	Orange/Black	Z-	12
M	Red/White	U	4
K	Black/White	V	5
U	Blue/White	W	6
A	Red/Black	U-	13
B	White	V-	14
C	Green/White	W-	15
L	Black/Red	Therm Sw +	9
N	Red/White	Therm Sw -	17

Brake and Limit Switch Cable BC1-AC-XXX			
Exlar Connector	Wire Color	Function	Epsilon Connection
A	Blue	+24 VDC	24 vdc PS+
B	Yellow	24V GND	24 vdc PS-
C	Red/White	Lim Sw +	J3 or J5
D	Yellow/White	Lim Sw -	J3 or J5
E			
F	Black	24V GND	24 vdc PS-
G	Red	Brake Relay Contact -	Brake Relay connection
		Brake Relay Contact +	24 vdc PS+
		Brake Relay Coil +	J3 or J5
		Brake Relay Coil -	24 vdc PS-

NOTES: (1) GS Series travel limits are current sinking. EN Series Drive inputs are current sourcing requiring a 2.2k Ohm ¼ Watt pull resistor to the input power supply + for correct operation. Check to verify that the EN drives travel limits are configured to "Active Off" to insure correct operation. (2) An external relay is required for brake operation. (3) Connectors A, B, C and D are for limit switches. Connectors F and G are for brake.