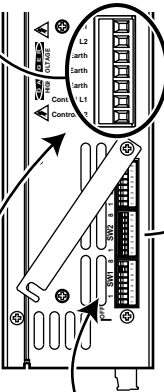
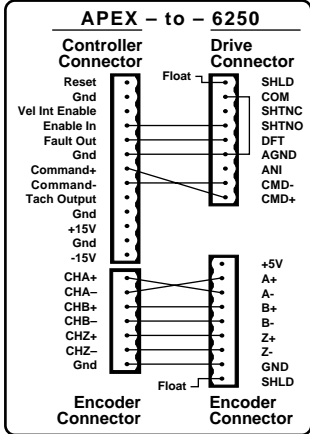
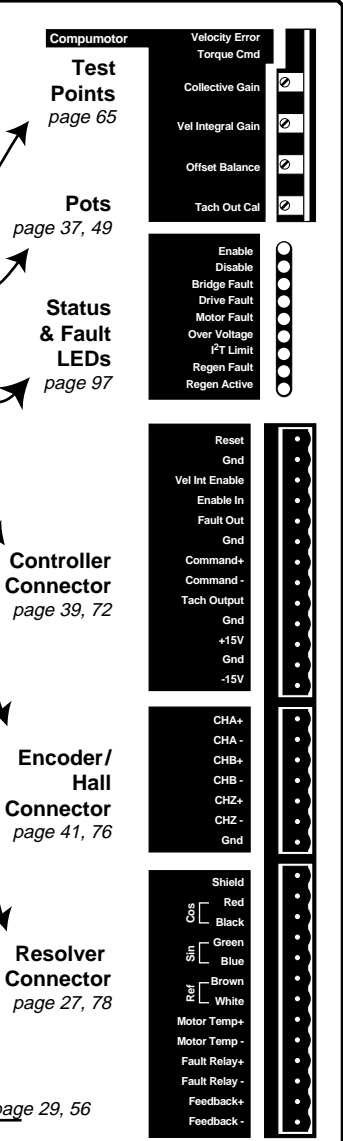
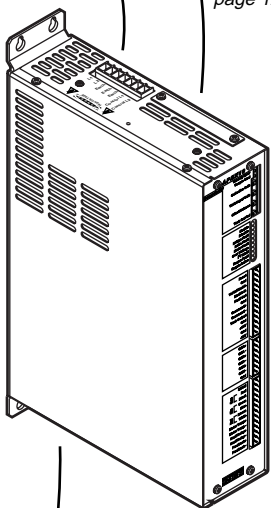
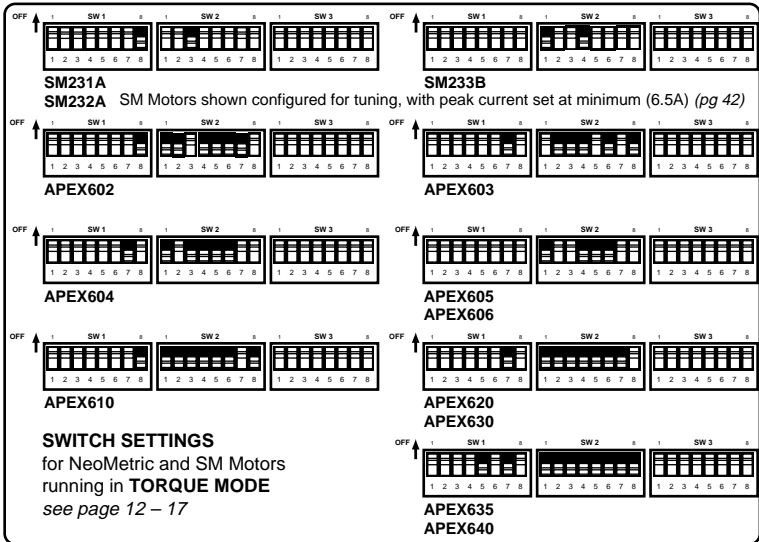


AC INPUT — see page 31
 85— 252 VAC
 47 — 66 Hz
 Single-phase
 L1 and L2 —
 Input for high-power amp.
 Control L1 and Control L2 —
 Input for internal
 control logic



AC Input Connector
 page 31, 71

DIP Switches
 page 12 – 17

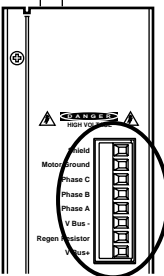


RESET INPUT Active Low, <1.0V page 39, 72
VEL INT ENABLE Active Low, <1.0V (DIP SW3-#1 ON) page 48, 73
ENABLE INPUT Active Low, <1.0V page 40, 73
FAULT OUTPUT Active HIGH (floats if fault occurs) (Output is held low if no fault) page 40, 74
COMMAND± -10V = 16 amps Scale with DIP SW3 — pos. 6 & 7 page 39, 74
TACH OUTPUT 1V/1000 rpm; 1-speed resolver Scale by DIP SW3-#5 page 38, 75
±15V 15 mA at -15V page 40, 75
ENCODER OUTPUT 1024 counts/rev, pre-quadrature 4096 counts/rev, post-quadrature Ch A leads Ch B, for CW rotation Ch Z pulse width is 90° see pages 41, 76 for more information

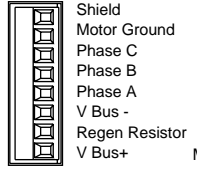
RESOLVER CABLE:	Function	APEX Cable	SM Cable
Shield	Shield	---	---
Stator 3	RED	RED	RED
Stator 1	BLACK	BLACK	BLACK
Stator 2	GREEN	GREEN	GREEN
Stator 4	BLUE	BLUE	BLUE
Rotor 1	BROWN	BROWN	BROWN
Rotor 2	WHITE	WHITE	WHITE
Motor Temp+	YELLOW	YELLOW	YELLOW
Motor Temp-	ORANGE	ORANGE	YELLOW

MOTOR TEMP± Short Motor Temp+ and Motor Temp- if motor has no temperature sensor page 28, 79
FAULT RELAY± Relay type: Normally Open Max Current: 5A at 24VDC/120VAC see page 80 for more information see Motor Braking on page 54

Motor Connector
 (Underneath drive)
 page 29, 71



MOTOR CONNECTOR
 page 29, 71



Motor Cable Color Code page 29, 56

Terminal	APEX	SM
Phase A	Orange	Red/Yellow
Phase B	Blue	White/Yellow
Phase C	Gray	Black/Yellow
Motor Ground	Green	Green/Yellow