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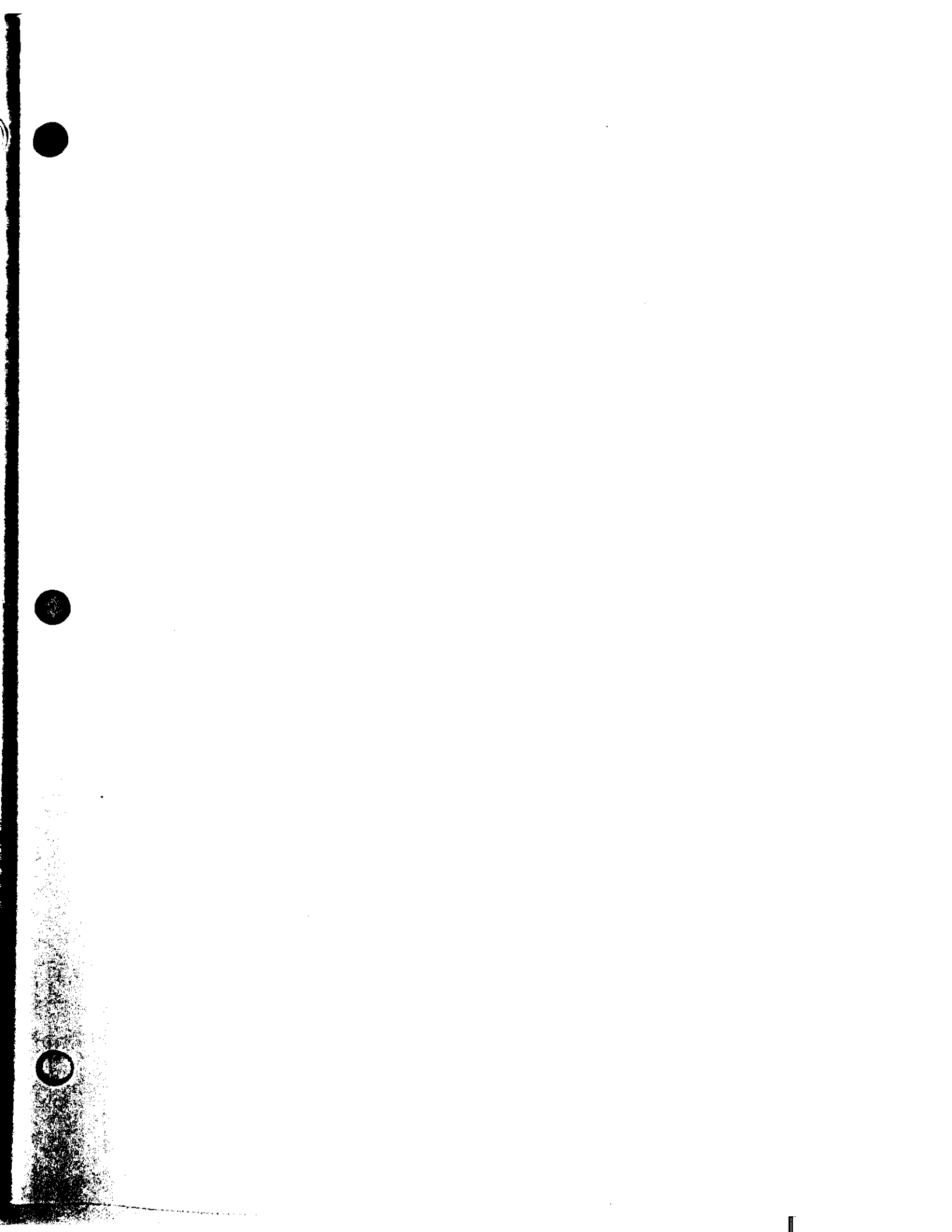
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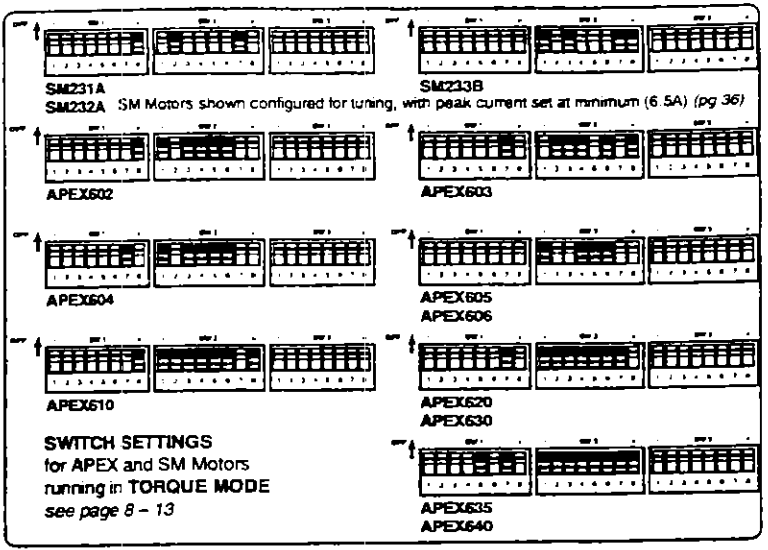
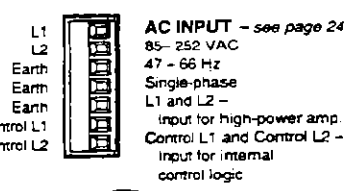
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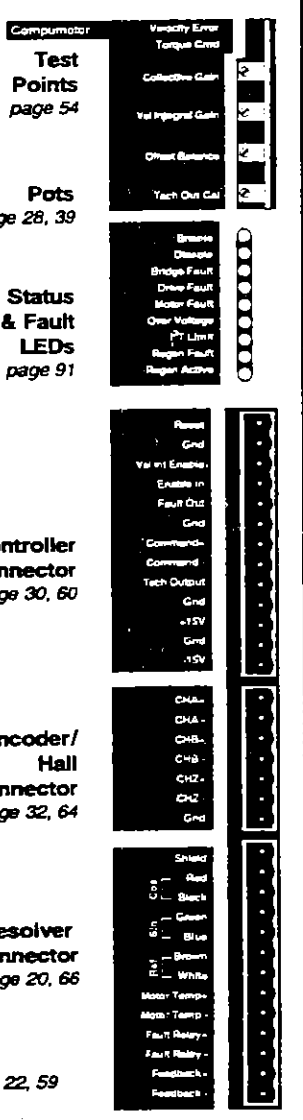
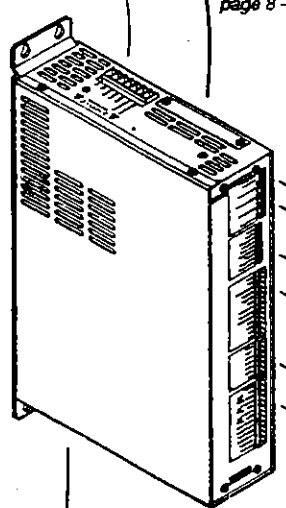
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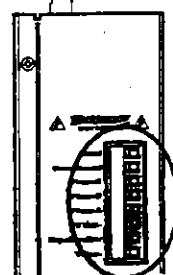


AC Input Connector
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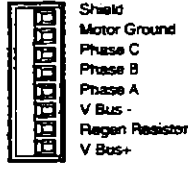
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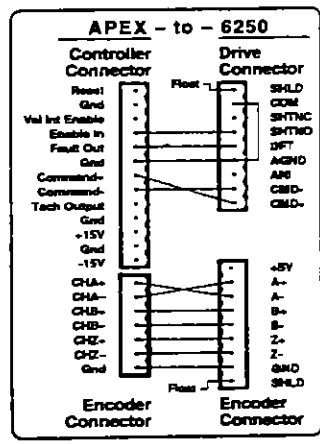
Motor Connector (Underneath drive)
 page 22, 59



MOTOR CONNECTOR
 page 22, 59



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



- RESET INPUT** Active Low, <1.0V page 30, 60
- VEL INT ENABLE** Active Low, <1.0V (DIP SW3-#1 ON) page 40, 61
- ENABLE INPUT** Active Low, <1.0V page 31, 61
- FAULT OUTPUT** Active HIGH (floats if fault occurs) (Output is held low if no fault) page 31, 62
- COMMAND-** ±10V = 16 amps Scale with DIP SW3 - pos. 6 & 7 page 30, 62
- TACH OUTPUT** 1V/1000 rpm: 1-speed resolver Scale by DIP SW3-#5 page 29, 63
- ±15V** 15 mA at ±15V page 31, 63
- 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 32, 64 for more information

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

MOTOR TEMP± Short Motor Temp+ and Motor Temp- if motor has no temperature sensor page 20, 66

FAULT RELAY± Relay type: Normally Open
 Max Current: 5A at 24VDC/120VAC
 see page 67 for more information
 see Motor Braking on page 44