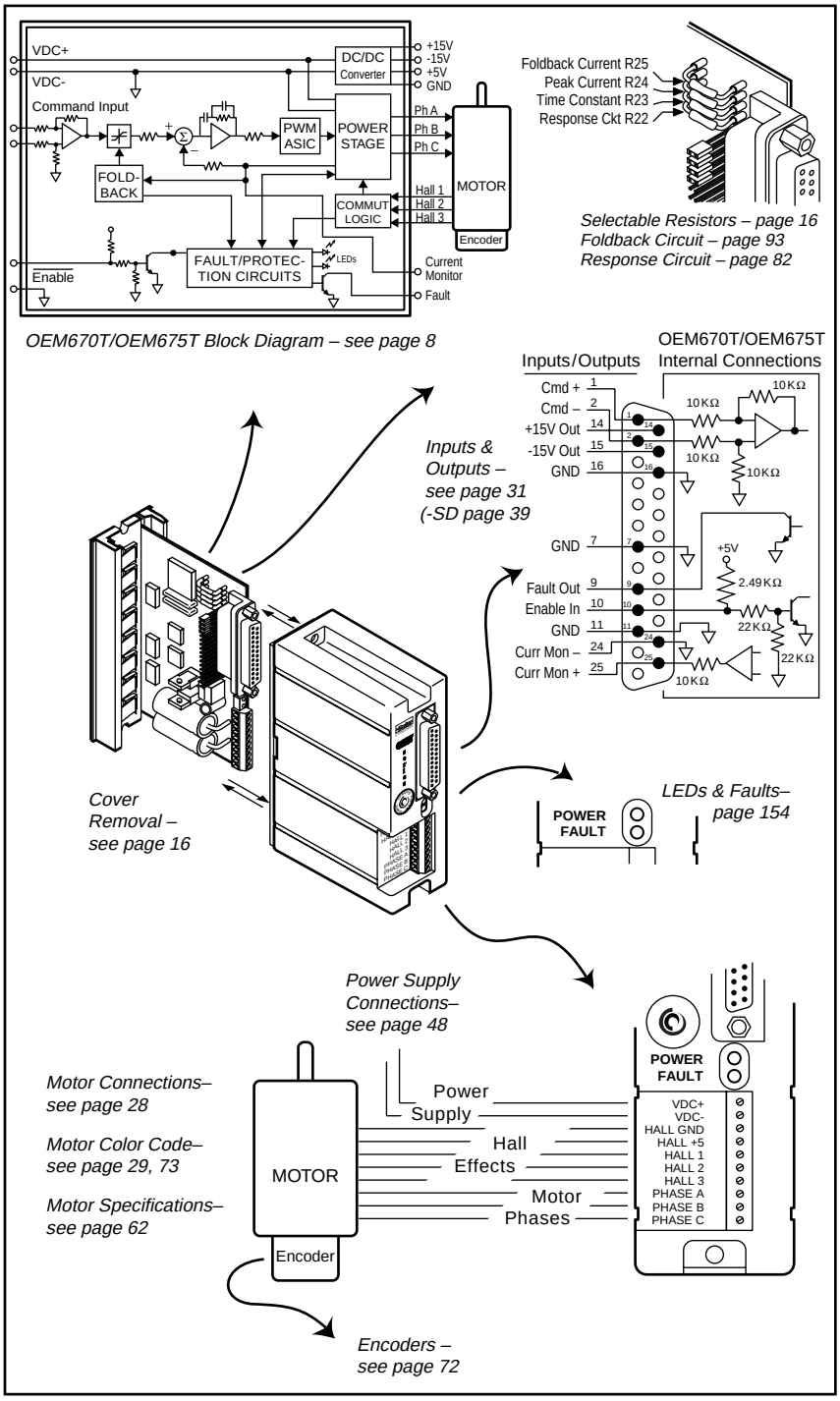
VDC+
VDC-
Command Input
DC/DC Converter
+15V
-15V
+5V
GND
PWM ASIC
POWER STAGE
Ph A
Ph B
Ph C
FOLD-BACK
MOTOR
Hall 1
Hall 2
Hall 3
COMMUT LOGIC
Encoder
FAULT/PROTEC-TION CIRCUITS
LEDs
Current Monitor
Fault
Enable
Foldback Current R25
Peak Current R24
Time Constant R23
Response Ckt R22
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Inputs/Outputs
OEM670T/OEM675T Internal Connections
Cmd +
Cmd –
+15V Out
-15V Out
GND
Fault Out
Enable In
Curr Mon –
Curr Mon +
10KΩ
+5V
2.49KΩ
22KΩ
Inputs & Outputs – see page 31 (-SD page 39
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POWER
FAULT
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MOTOR
Encoder
Power Supply
Hall Effects
Motor Phases
VDC+
VDC-
HALL GND
HALL +5
HALL 1
HALL 2
HALL 3
PHASE A
PHASE B
PHASE C
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