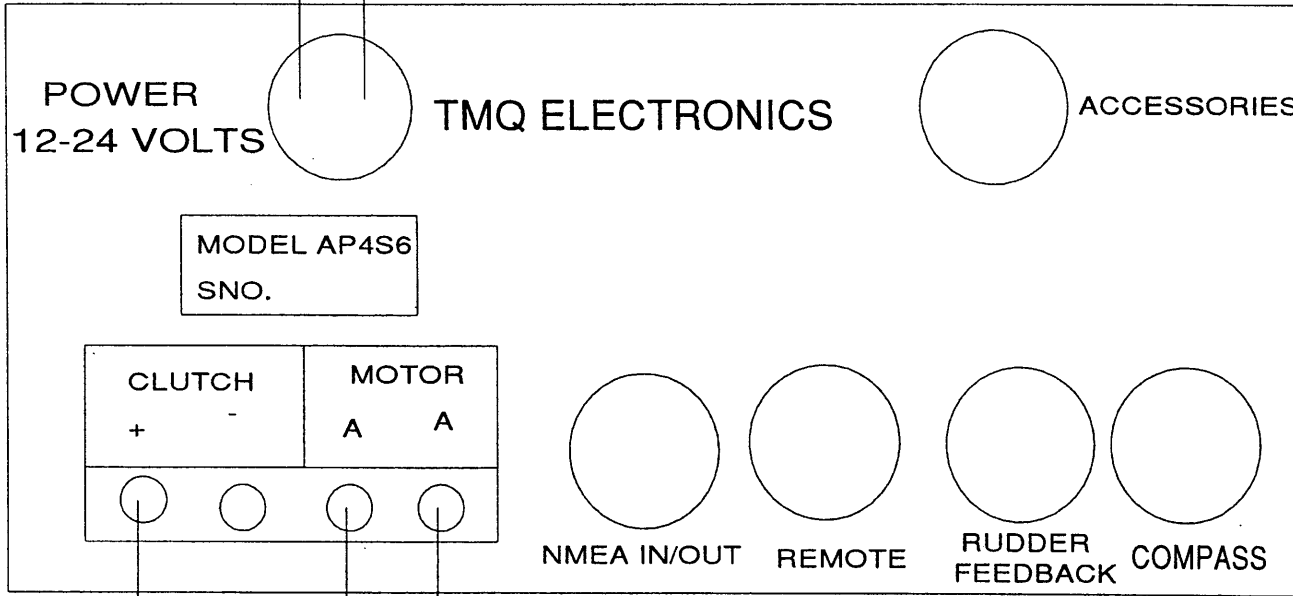


DC 12 TO 24 VOLTS

RED BLACK



TMQ Compass unit

- 1 White
- 2 Blue
- 3 Red
- 4 Yellow
- 5 Green

Rudder Feedback

- 2 Blue
- 4 Green
- 5 Red

Remote Socket

- 1 5 volts
- 2 Wiper Basic 1 & Active
- 3 Negative
- 4 Basic1 Con or Act Auto/Pwr(H)
- 5 Wheel/Basic2/ Act Stby/GPS(H)
- 6 Basic 2 Con or Act Res/Rud(H)

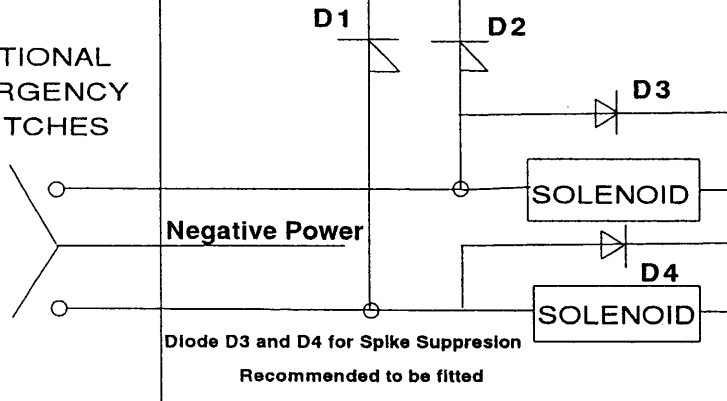
NMEA in and out

- 1 RX+GPS
- 2 RX-GPS
- 3 TX+
- 4 TX-
- 5 RX TMQ Rate Gyro +
- 6 RX TMQ Rate Gyro -

Internal Connections

External Alarm  
2nd Serial Out  
H Bus 10v 0v

OPTIONAL  
EMERGENCY  
SWITCHES



**AP4 UNITS UP TO S/No 6139  
HAVE TRANSISTOR OUTPUTS FOR  
MOTOR SWITCHING. THESE  
OUTPUTS ARE BOTH LOW AND  
GO HIGH FOR DRIVE**

**UNITS FROM S/No 6140 ONWARDS  
HAVE "FET" SWITCHING OUTPUTS  
AND THE OUTPUTS ARE NORMALLY  
HIGH AND GO LOW WITH DRIVE**

**CUT INTERNAL JUMPER J1 AND J2  
IF USING EMERGENCY SWITCHES  
OR DIODES D1 AND D2 MUST BE FITTED**

**CONNECTION DIAGRAM FOR SOLENOID VALVES WHEN  
USED WITH AP4 S6 VERSION SERIAL 7000 ONWARDS**