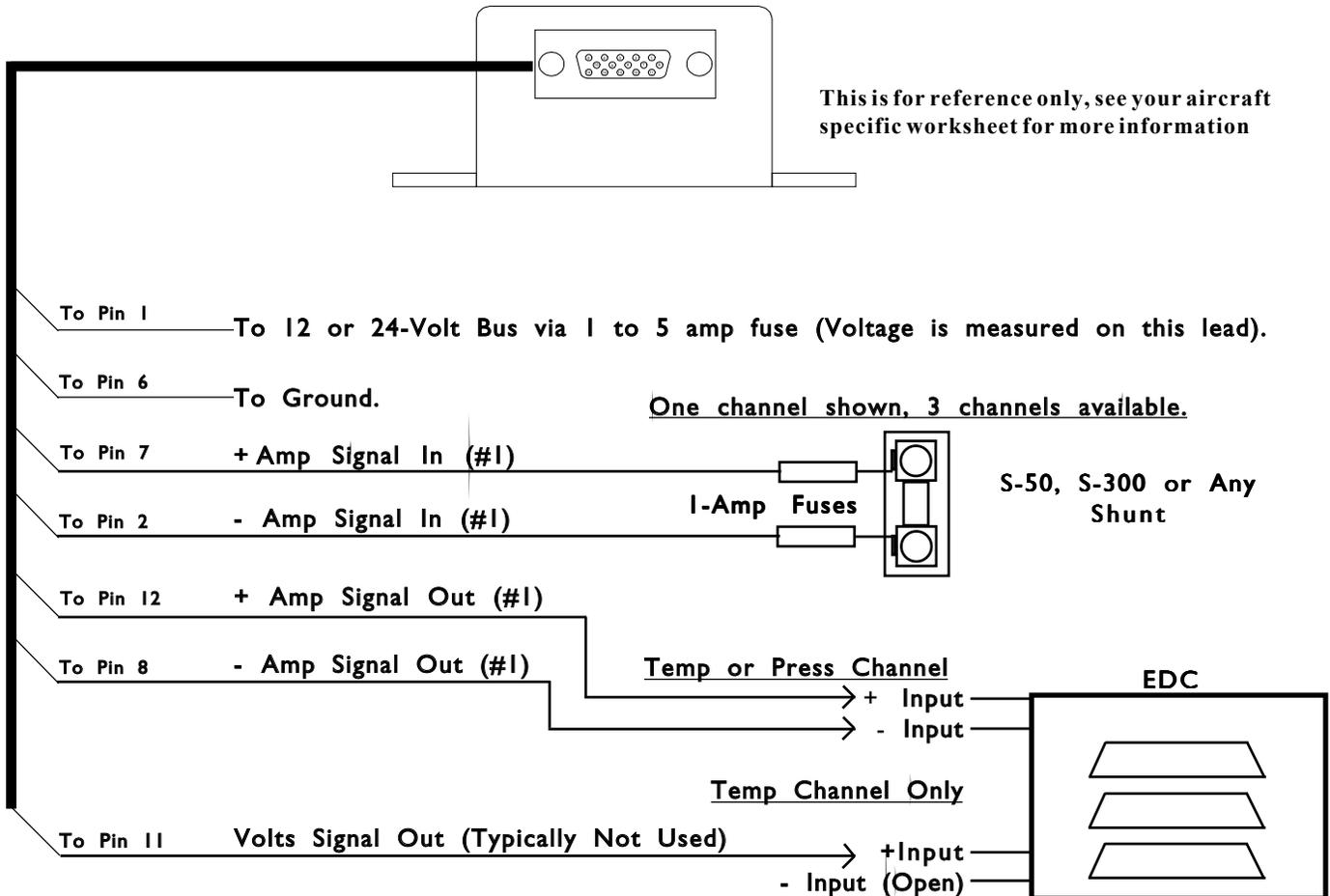


Volt/Amp Functional Module (FM-VA-3)

Wiring Diagram for MVP-50 System Hookup

The FM-VA-3 is capable of monitoring three shunts and one bus voltage. This wiring diagram shows the connections for only one shunt and one bus voltage. Refer to the attached documentation for more information.

Mount the FM-VA-3 to the inside firewall under the aircraft instrument panel or in an equipment bay. Use the holes in the bottom plate to mount the unit. Only two screws are required. Wire the DB-15 connector as shown below.



Note: See Drawing # 0203101 for information on additional shunt hookup.

MVP-50 System Setup for Amps:

In screen "1. EDC Input....." select the "FM-VA-M-xx" for the Probe.

For S-50 Shunt: Gain = 0.7630, LSB = 3, Mul = 1, Filter = 3, Dej = 1, Dec = 1, Snap = 0.3, Prop = No

For S-300 Shunt: Gain = 0.9160, LSB = 4, Mul = 1, Filter = 4, Dej = 1, Dec = 0, Snap = 5, Prop = No

MVP-50 System Setup for Volts:

In screen "1. EDC Input....." select the "FM-VA-M-xx" for the Probe.

Gain = 0.9407, LSB = 9, Mul = 1, Filter = 4, Dej = 1, Dec = 1, Snap = 0, Prop = No