

Cig-Arrête Power Supply Module (Part No CSA-246)

Operation

The CSA-246 is a power supply unit specifically designed to operate the complete range of Cig-Arrête® Anti-Smoking products. The unit provides 3 regulated and smoothed 6V dc outputs to power up to 3 Cig-Arrête® Standard Control Units (part no CSA-S5B) or 1 Master/Slave System (utilising the CSA-GDV or CSA-GDT). In addition, the CSA-246 provides a 24Vdc output on the following terminals with respect to 0Volts.

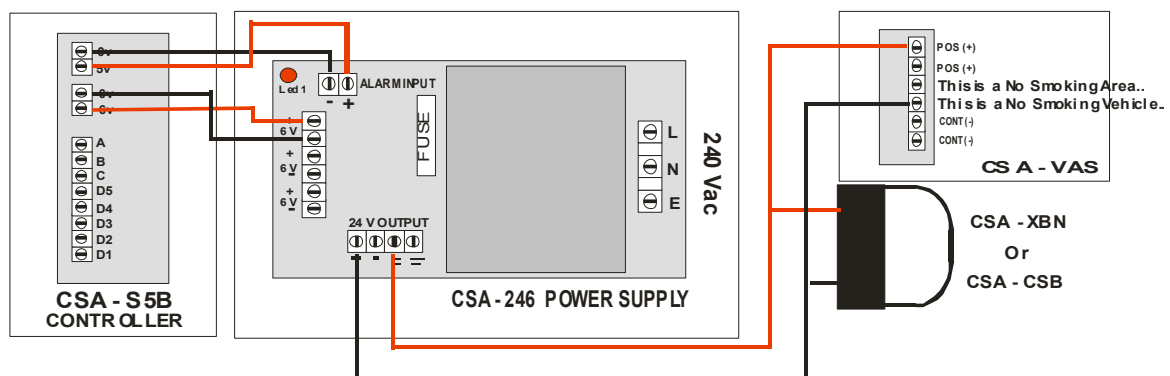
Terminal C:	24Vdc continuously available.
Terminal ON ALARM:	24Vdc available when ALARM INPUT is active.
Terminal OFF ALARM:	24Vdc available when ALARM INPUT is Inactive.

The ALARM INPUT terminal is connected to the REMOTE OUTPUT of the Cig-Arrête® Standard Control Units (part no CSA-S5B) as shown in the typical connection diagram below or switched through the relay contact of the Master/Slave Daughter Board (Part No CSA-DBD).

Specification

Input Voltage:	240Vac – provide external fuse at 3AMP
Output 1:	24V dc +/- 10% load dependant
Output 2/3/4:	6Vdc +/- 1% regulated
Output load 24V:	200mA max
Output load 6V:	800mA max
Alarm input trigger:	6Vdc +/- 10% (3mA max)
Output fuse:	500mA quick blow cartridge (24V Output) & 1 Amp quick blow cartridge (6V Output)

Connection diagram for use with hard-wired system (Controller CSA-S5B or CSA-S5BAR)



Connection diagram for use with Master/Slave system (CSA-GDV or CSA-FDV)

