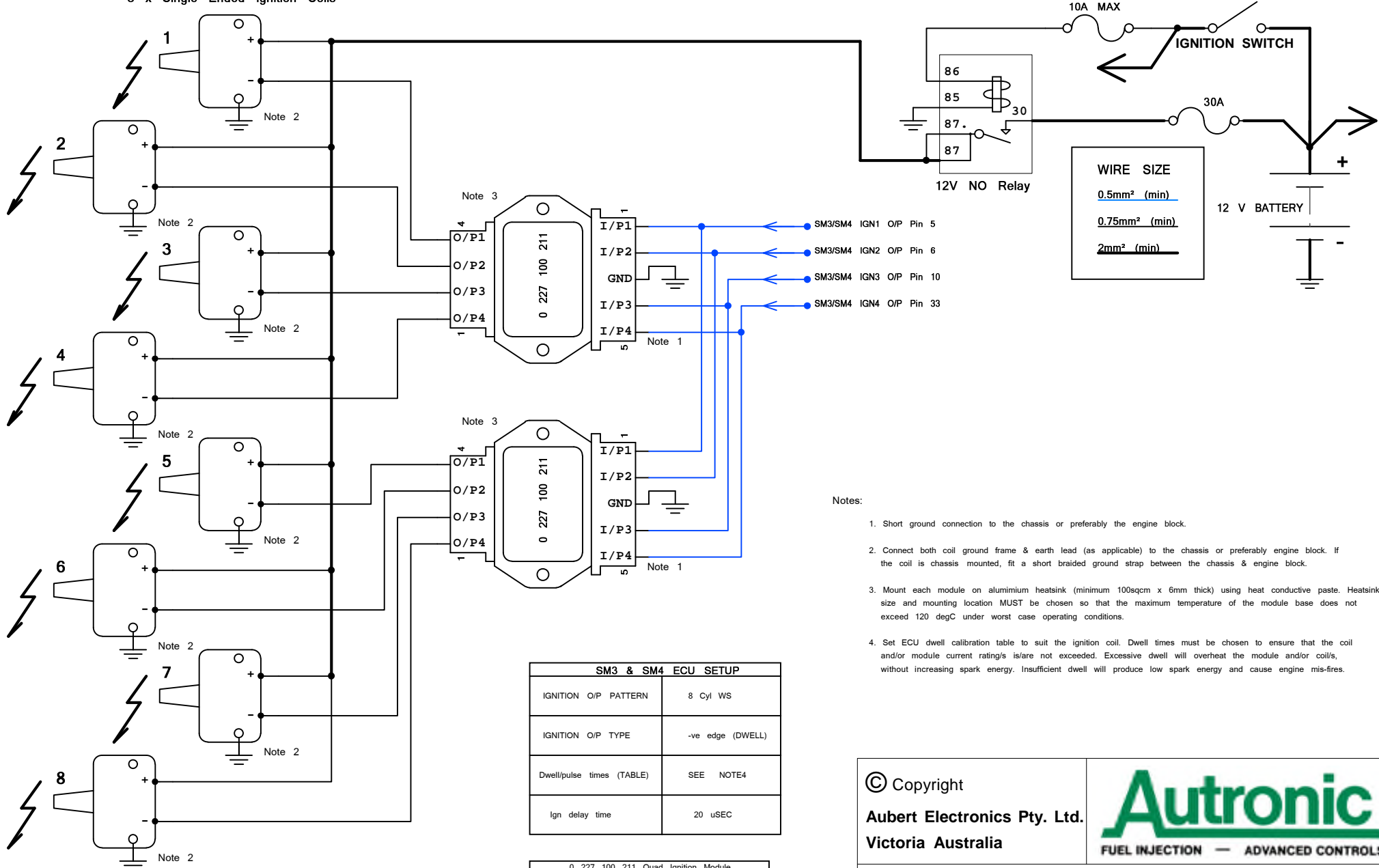


8 x Single Ended Ignition Coils



WIRE SIZE
0.5mm² (min)
0.75mm² (min)
2mm² (min)

Notes:


1. Short ground connection to the chassis or preferably the engine block.
2. Connect both coil ground frame & earth lead (as applicable) to the chassis or preferably engine block. If the coil is chassis mounted, fit a short braided ground strap between the chassis & engine block.
3. Mount each module on aluminium heatsink (minimum 100sqcm x 6mm thick) using heat conductive paste. Heatsink size and mounting location MUST be chosen so that the maximum temperature of the module base does not exceed 120 degC under worst case operating conditions.
4. Set ECU dwell calibration table to suit the ignition coil. Dwell times must be chosen to ensure that the coil and/or module current rating/s is/are not exceeded. Excessive dwell will overheat the module and/or coil/s, without increasing spark energy. Insufficient dwell will produce low spark energy and cause engine mis-fires.

SM3 & SM4 ECU SETUP	
IGNITION O/P PATTERN	8 Cyl WS
IGNITION O/P TYPE	-ve edge (DWELL)
Dwell/pulse times (TABLE)	SEE NOTE4
Ign delay time	20 uSEC

0 227 100 211 Quad Ignition Module	
Temp range	-40 to +120degC
Max vibration	400m/s**2 5 to 2500Hz
Ic typ	< 8.5A
Ic max @ < 120degC	< 10A

SPARK PLUGS IN FIRING SEQUENCE
 (IE: ABOVE NUMBERS ARE NOT CYLINDER NUMBERS)

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FUEL INJECTION — ADVANCED CONTROLS

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