



WIRING INSTRUCTIONS

- 12V SUPPLY NEEDS TO BE FUSED AT 1 AMP
- THE SPEED SENSOR INPUT SHOULD BE A PARALLEL WIRED CONNECTION FROM THE OEM SPEED SENSOR "PIN 2"
- THE SPOILER LIMIT SWITCHES MUST BE WIRED NPN AND PROVIDE A GROUND SIGNAL WHEN ACTIVE
- THE MODE SELECTION BUTTON NEEDS TO BE WIRED NPN AND PROVIDE A GROUND SIGNAL WHEN ACTIVE
- THE LED OUTPUTS ARE POSITIVE VOLTAGE OUTPUTS AND SHOULD BE CONNECTED TO THE LED ANODE
- ALL EXTERNAL GROUNDS NEED TO BE COMMON TO THE CONTROLLER

RELAY WIRING

ENABLE RELAY

TERMINAL 85: CONTROLLER - J2 PIN1
TERMINAL 86: CONTROLLER - J2 PIN 2
TERMINAL 30: SUPPLY FROM BATTERY - FUSED AT 30A
TERMINAL 87: TO DIRECTION RELAY 1 PIN 87 & DIRECTION RELAY 2 PIN 87A
TERMINAL 87A: NOT REQUIRED

DIRECTION RELAY 1

TERMINAL 85: CONTROLLER - J2 PIN3
TERMINAL 86: CONTROLLER - J2 PIN 4
TERMINAL 30: SPOILER MOTOR TERMINAL 1
TERMINAL 87: 30A SUPPLY FROM ENABLE RELAY TERMINAL 87
TERMINAL 87A: EARTH

DIRECTION RELAY 2

TERMINAL 85: CONTROLLER - J2 PIN3
TERMINAL 86: CONTROLLER - J2 PIN 4
TERMINAL 30: SPOILER MOTOR TERMINAL 2
TERMINAL 87: EARTH
TERMINAL 87A: 30A SUPPLY FROM ENABLE RELAY TERMINAL 87

AI CONTROLS LIMITED
AUTOMOTIVE AND INDUSTRIAL CONTROLS

PHONE: +64 22 367 0260
EMAIL: andrew@aicontrols.co.nz
WEBSITE: www.aicontrols.co.nz

CLIENT:
NATHANIEL SMITH

DRAWING TITLE:
JZA80 ACTIVE SPOILER
CONTROLLER

No.	REVISION	BY	DATE	DRAWN BY:	A.McKITTERICK	DRAWING REFERENCE
1	AS-BUILT	AM	18/03/17	APP BY:		01
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