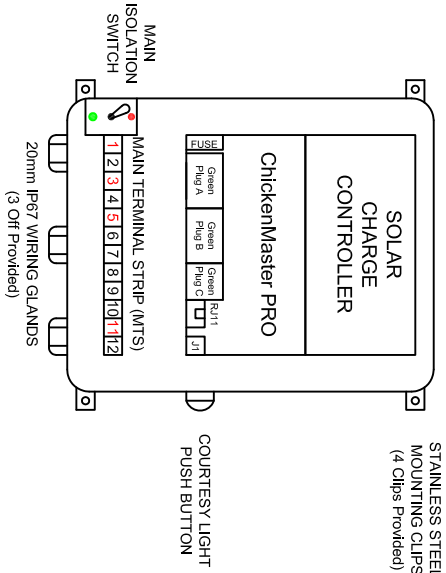


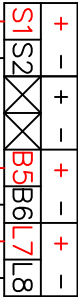
ChickenMaster PRO CONTROL PANEL LAYOUT

THE CONTROL PANEL IS WEATHERPROOF(IP67) AND CAN BE MOUNTED OUTDOORS.

AVOID MOUNTING IN DIRECT SUNLIGHT OTHERWISE DAMAGE TO THE LCD DISPLAYS MAY OCCUR.

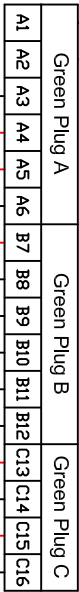


PWM 30 Amp
SOLAR CONTROLLER
(Pre-Programmed for LEAD ACID, FLOODED, AGM & GEL type batteries)



INTERNAL WIRING CONNECTIONS

ChickenMaster PRO CONTROLLER



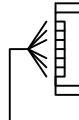
(RJ45 Six Pin Connector)

PCB Mount JST Connector

COURTESY LIGHT TIMER PUSH BUTTON
(Located on right side of switchboard)

750mm Communication Cable
Is provided with all XP Series Expansion Modules
(Optional)

XP Series Expansion Module
Refer To XP Data Sheet for various models.
(Optional)



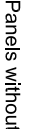
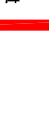
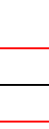
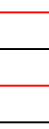
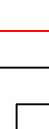
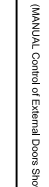
Wiring connection for a FT-W/S Wind Sensor (Optional)

Wiring connection for a FT-SL Strobe Light (Optional)

Wiring connection for an additional remote Courtesy Light Switch.
(Optional)

Programmable EXTERNAL Input
(Optional)

Options for this INPUT:
1: ALARM Input Normally OPEN Contact
2: ALARM Input Normally CLOSED Contact
3: Momentary Push Button Input for MANUAL Control of External Doors



WARNING

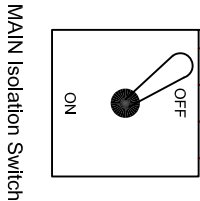
NEVER Connect the Battery OR Solar Panels without first switching the MAIN ISOLATION SWITCH to the OFF Position.

NEVER Disconnect the Battery OR Solar Panel without first switching the MAIN ISOLATION SWITCH to the OFF Position.

ENSURE that when connecting your EXTERNAL wiring to the MAIN TERMINAL STRIP (MTS) that the Solar Panel and Battery cables are **NOT LIVE !!**

Failure to follow any of these procedures may cause damage to the ChickenMaster PRO or Solar Controller and void your warranty.

WARNING



EXTERNAL FIELD WIRING CONNECTIONS

1= **POSITIVE** from SOLAR PANEL

2= **NEGATIVE** from SOLAR PANEL

3= **POSITIVE** from BATTERY

4= **NEGATIVE** from BATTERY

5= **POSITIVE** to INTERNAL LIGHTS

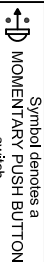
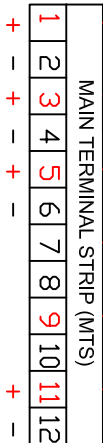
6= **NEGATIVE** to INTERNAL LIGHTS

7 & 8 **BIPOLAR OUTPUT** to NEST BOX GATES

9 & 10 **BIPOLAR OUTPUT** to EXTERNAL DOORS

11= **POSITIVE** to COURTESY LIGHT

12= **NEGATIVE** to COURTESY LIGHT



Symbol denotes a
MOMENTARY PUSH BUTTON
switch

ChickenMaster PRO Controller Fuse

Fuse Type: Automotive BLADE Fuse

Rating: 10 AMP

DRAWN: LOU MITSY

PAGE: 1 OF 1

PROJECT REFERENCE: FarmTronics Australia CPMPro-SWB-PWM30 Control Panel (Firmware 02.03A)

DATE: 01-11-2025

FarmTronics Australia
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