

Model Number: FarmTronics XP 1000

The XP1000 Expansion Module adds the ability to increase the switching capacity of your CMPRO-SWB-PWM30A (02.03A) Control Switchboard for the External Doors from 10 Amps to 25 Amps.

It also incorporates a full function Temperature Controller which can do either COOLING, HEATING or MISTING CONTROL.

All the Temperature variables can be programmed directly from the ChickenMaster PRO (02.03A) Control Panel.

The Maximum load must not exceed 25 Amps @ 12 Volts DC.

The entire XP Expansion Module Range have an IN and OUT Comms Port so you can keep adding further XP Modules with a variety of functions such as Feed Augers, Nest Box Levelling etc.

(Refer to Page 2 for other XP Models)

LED Indicators show the following:

GREEN Power LED Indicates that 12 VDC Power is connected and that the Fuse is OK.

Flashing **BLUE** Heartbeat LED Indicates Communications between the ChickenMaster PRO and XP Module are connected and working.



The enclosure is manufactured from high impact UV Stabilised Polycarbonate and uses 304 Stainless Steel mounting clips and lid clasps.

The enclosure and Cable Wiring Glands have an IP67 Weatherproof rating permitting mounting in the harshest of environments.

Notes:

Because of the wide variety of actuators in the marketplace, you must check the Current Rating on the ones you are intending to use.

More than 12 actuators can be used if the current being drawn does not exceed the rated capacity of 25 Amps @ 12 Volts DC.

Example 1: Using 16 actuators, each rated at 1.50 Amps = 24.0 Amps, OK to use.

Example 2: Using 10 actuators, each rated at 2.50Amps = 25 Amps, OK to use.

Example 3: Using 8 actuators, each rated at 4.0 Amps = 32 Amps, NOT OK to use.

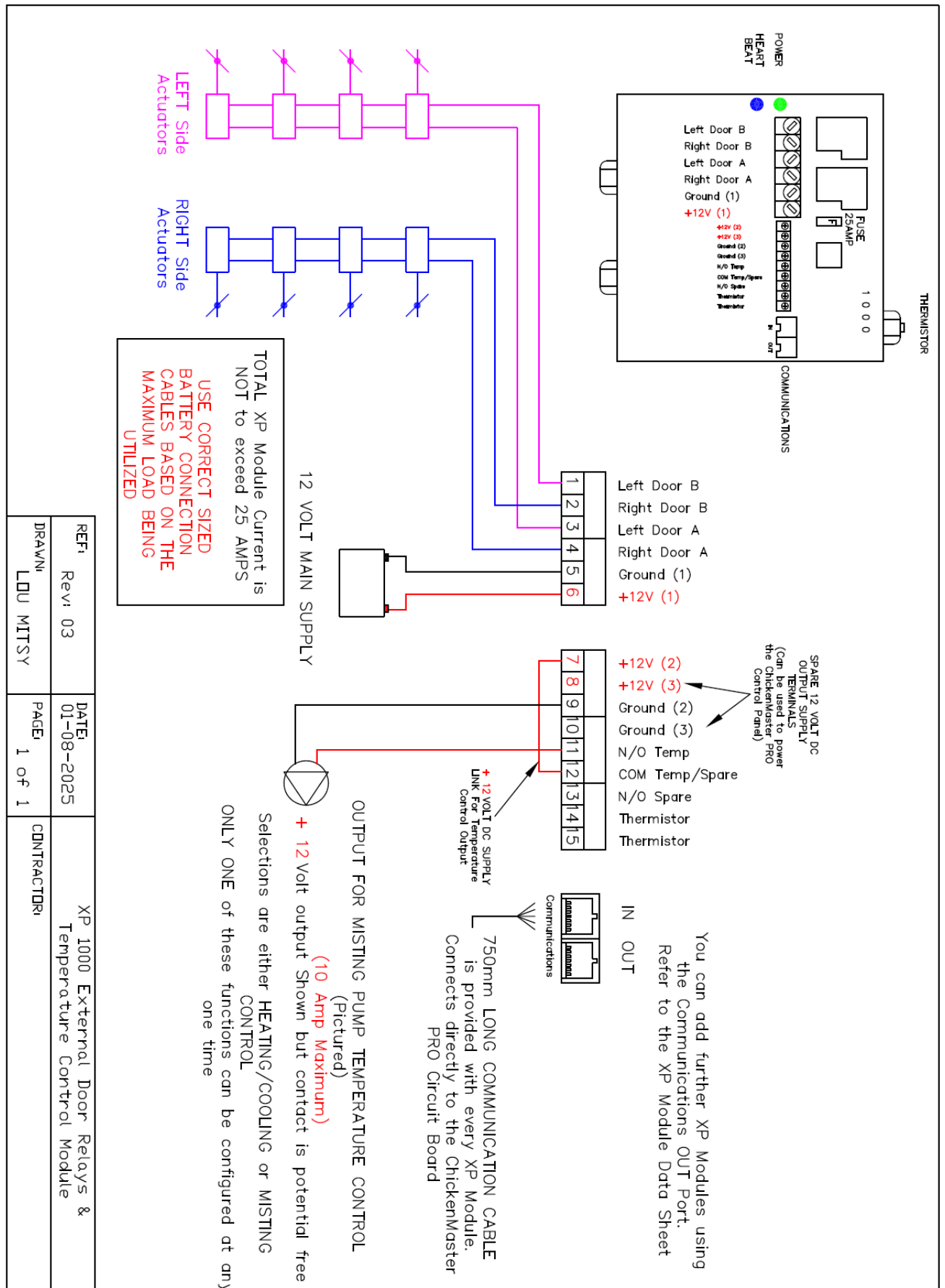
Model Number	XP 1000
Enclosure Type	Polycarbonate Case, UV Stabilised
Enclosure IP Rating	IP67 Fully Weatherproof
Enclosure Dimensions	H150mm x W150mm x D100mm
Enclosure Mounting Method	External 304 Stainless Steel Mounting Clips (4 Off Supplied)
Enclosure Lid Locking Clasps	304 Stainless Steel (2 Off)
Cable Entry Method	2 Off M20mm IP67 Wiring Glands, Located at bottom of Switchboard
Working Temperature Range	-10.0 Celsius to +50.0 Celsius
Communication Cable	750mm Long Communication Cable (Supplied)
Communication Secondary Expansion Port	(YES) Secondary Expansion Port is Standard You can add up to 5 further XP Expansion Modules. Such as Feed Auger Module, Nest Box Leveller etc
GREEN LED	Power is ON and Fuse is OK
BLUE Flashing LED	Heartbeat LED indicates Communication Port is live and active
Voltage Range	12 – 15 Volt DC
Main Power Fuse Rating & Type	25 Amp Automotive Blade Fuse
High Current Output Relays for External DOORS	Bidirectional 12 Volt DC Relay Outputs with separate connections for the Left-Side & Right-Side DOORS
Temperature Control Relay Output	10 Amp Potential Free Normally OPEN contact
Temperature Sensor	Built in Temperature Sensor (Standard)
Temperature Sensor Range	0 to 60 Degrees Celsius
Celsius or Fahrenheit Selectable	(YES) Programmable via the ChickenMaster PRO
Remote Sensor Option	(YES) Remote Sensor OPTIONS are Available
ChickenMaster PRO compatibility	ChickenMaster PRO™ Controller with Firmware Version 02.03A Only
Warranty	12 Months from date of purchase
Australian Made	Designed & Manufactured in Melbourne, AUSTRALIA.
Support Service	Phone Support 7 Days a week from 9am to 3pm

Further XP Module Part Numbers:

XP 0000	External Doors 25 Amp Current Relays (Standalone)
XP 1000	External Doors 25 Amp Current Relays & Temperature Control Module
XP 1010	Temperature Control Module (Standalone)
XP 0110	Nest Box Gates 25 Amp Current Relays (Standalone)
XP 1110	Nest Box Gates 25 Amp Current Relays & Temperature Control Module
XP 0001	Nest Box Leveller 25 Amp Current Relay
XP 1001	Nest Box Leveller 25 Amp Current Relay & Temperature Control Module
XP 0101	Feed Auger 25 Amp Current Relay (Standalone)
XP 1101	Feed Auger 25 Amp Current Relay & Temperature Control Module

Note: A common communication line supports up to a maximum of FIVE XP Modules.

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