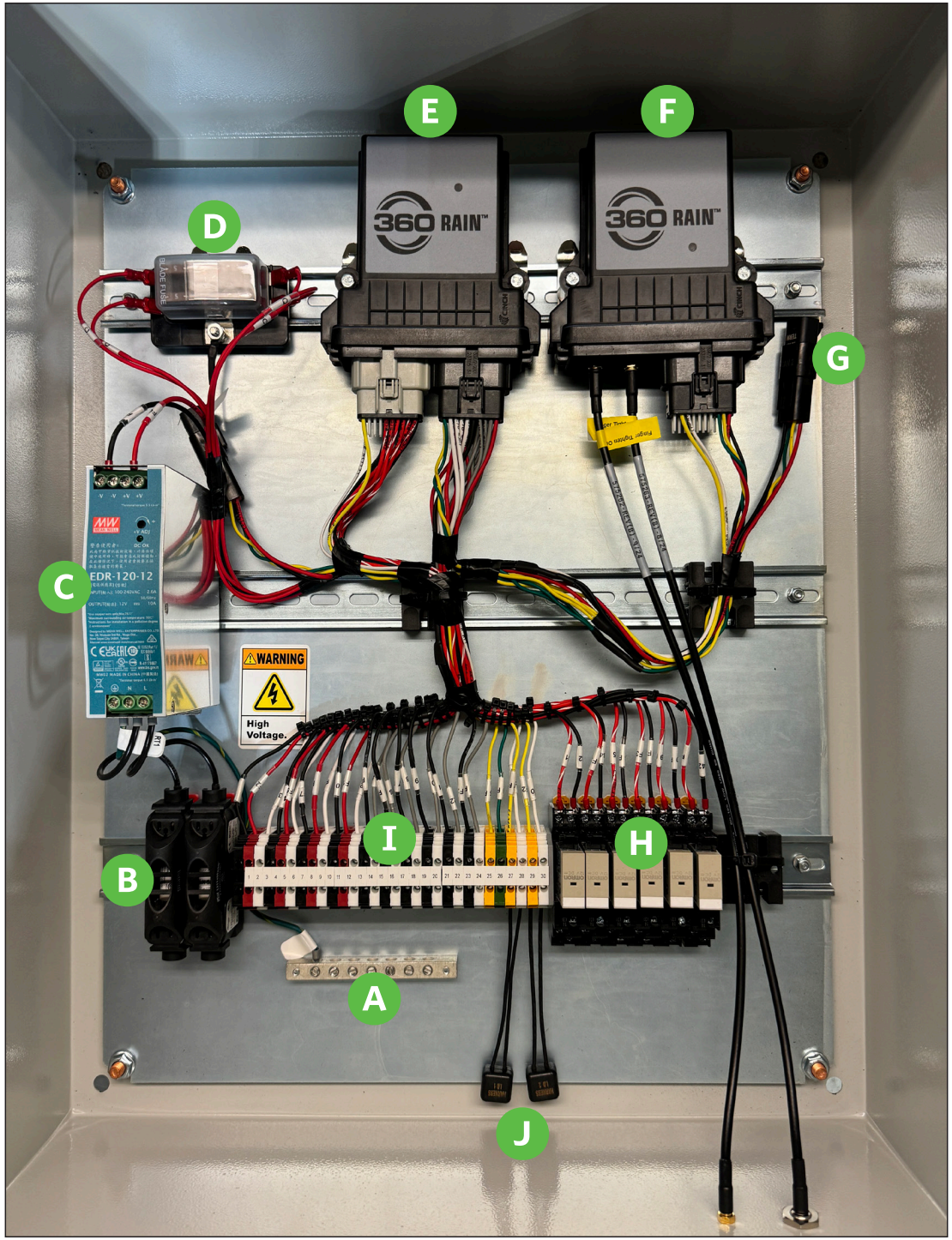


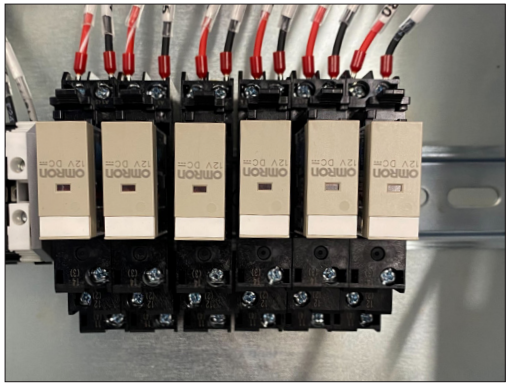
- **A Ground Bar**
- **B High Voltage AC Fuse Block**
- **C AC to DC Transformer (Power Supply)**
- **D 12V Fuse Block**
- **E Input/Output Controller**
- **F GPS Receiver and RTK Radio**
- **G CAN Terminating Resistors**
- **H Relays**
- **I Screw terminals**
- **J ID Tags**

The base station box comes standard with a 120 V AC single phase power supply. The electrician should bring in standard 120 V AC power consisting of 3 wires: line, neutral, and ground going to appropriate locations in the AC fuse block and ground bar.

A 3-phase 480V power supply option is available upon request by contacting your dealer or 360 Yield Center product support at 309-300-3120.

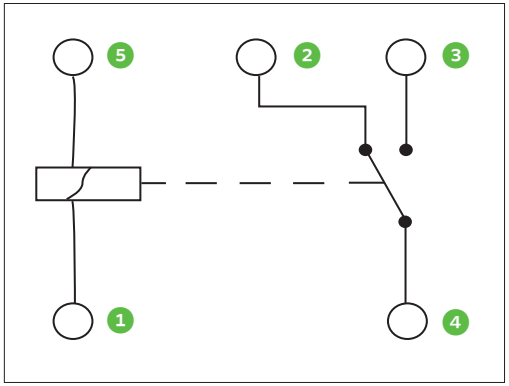
AC fuses are provided to ensure the power supply is fuse protected.

A ground wire is already installed from the power supply to the ground bar. It is the electrician's responsibility to connect the ground to the 360 base station ground bar.



Starting from the left the relays are Output 1, Output 2, Output 3, Output 4, Output 5,Output 6.

Example uses for these relays include controlling a booster or pump controller to trigger it on remotely or controlling a valve to open and close.



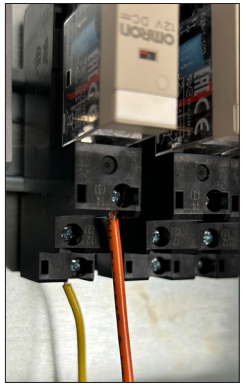
360 provides the wiring to control the relays. The installer needs to provide the wires to signal the pump controllers or valves.

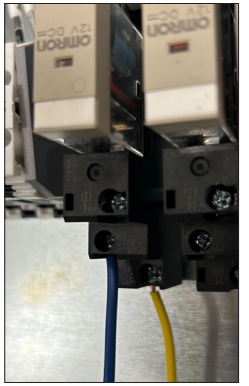
Terminals 1 and 5 switch the relay output.

Terminal 2 is NORMALLY CLOSED.

Terminal 3 is NORMALLY OPEN.

Terminal 4 is COMMON.





Normally Open Example:

YELLOW = COMMON, Terminal 4

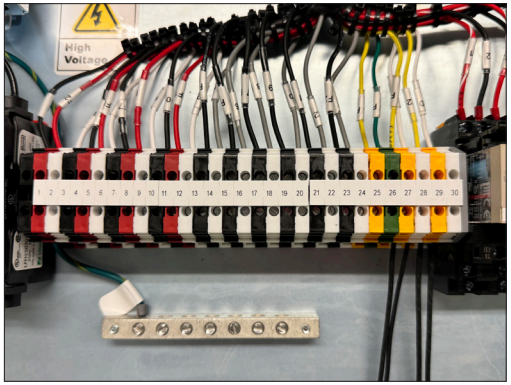
ORANGE = NORMALLY OPEN, Terminal 3

Normally Closed Example:

YELLOW = COMMON, Terminal 4

BLUE = NORMALLY CLOSED, Terminal 2

INPUT	TERMINAL	FUNCTION	RANGE
PRESSURE 1	1	GROUND	0V
	2	POWER	+5VDC
	3	SIGNAL	0 - 5VDC
PRESSURE 2	4	GROUND	0V
	5	POWER	+5VDC
	6	SIGNAL	0 - 5VDC
PRESSURE 3	7	GROUND	0V
	8	POWER	+5VDC
	9	SIGNAL	0 - 5 VDC
PRESSURE 4	10	GROUND	0V
	11	POWER	+5VDC
	12	SIGNAL	0 - 5VDC
FLOW 1	13	GROUND	0V
	14	SIGNAL	0/5VDC MAX FREQ 2000HZ
FLOW 2	15	GROUND	0V
	16	SIGNAL	0/5VDC MAX FREQ 2000HZ
FLOW 3	17	GROUND	0V
	18	SIGNAL	0/5VDC MAX FREQ 2000HZ
FLOW 4	19	GROUND	0V
	20	SIGNAL	0/5VDC MAX FREQ 2000HZ
FLOW 5	21	GROUND	0V
	22	SIGNAL	0/5VDC MAX FREQ 2000HZ
FLOW 6	23	GROUND	0V
	24	SIGNAL	0/5VDC MAX FREQ 2000HZ
CAN EXPANSION	25	CAN HIGH	500kbps
	26	CAN LOW	
ID TAGS	27	I/O CONTROLLER	BASE: 1 (15KOHM) REMOTE A: 3 (5.9KOHM) REMOTE B: 5 (3.4KOHM)
	28		
	29	GPS DEVICE	BASE: 2 (8.66KOHM) REMOTE A: 5 (3.4KOHM) REMOTE B: 7 (2.21KOHM)
	30		



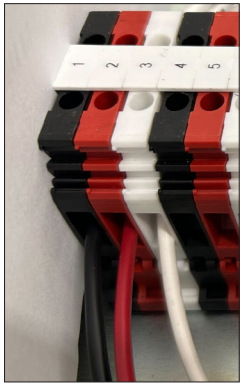
Terminals 1-12 (Black-Red-White Pattern) are analog inputs used for pressure sensors. The first three starting from the left are Pressure 1, the next three are Pressure 2, followed by Pressure 3 and Pressure 4.

Terminals 13-24 (Black-White Pattern) are digital inputs used for flow meters. Starting from the left they are Flow 1, Flow 2, Flow 3, Flow 4, Flow 5 and Flow 6.

Terminals 25-26 are for adding CAN devices.

Terminals 27-30 are for connecting ID tags.

Wire color may vary.



All pressure sensors (analog) will have three wires:

BLACK = analog ground

RED = 5V power

WHITE = signal wire

Example: Pressure sensors/transducers will be wired in this manner.

All flow sensors (digital) will have two wires:

BLACK = digital ground

WHITE = signal wire

Example: Flow meters with a pulse based output would be wired in this manner.