

Electric Wiring Diagram

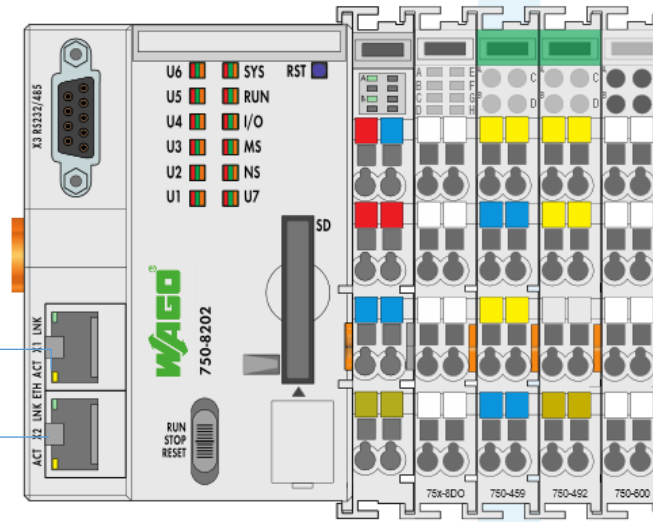
Revision 1

Ethernet connection

Page 1



192.168.1.1



192.168.1.20

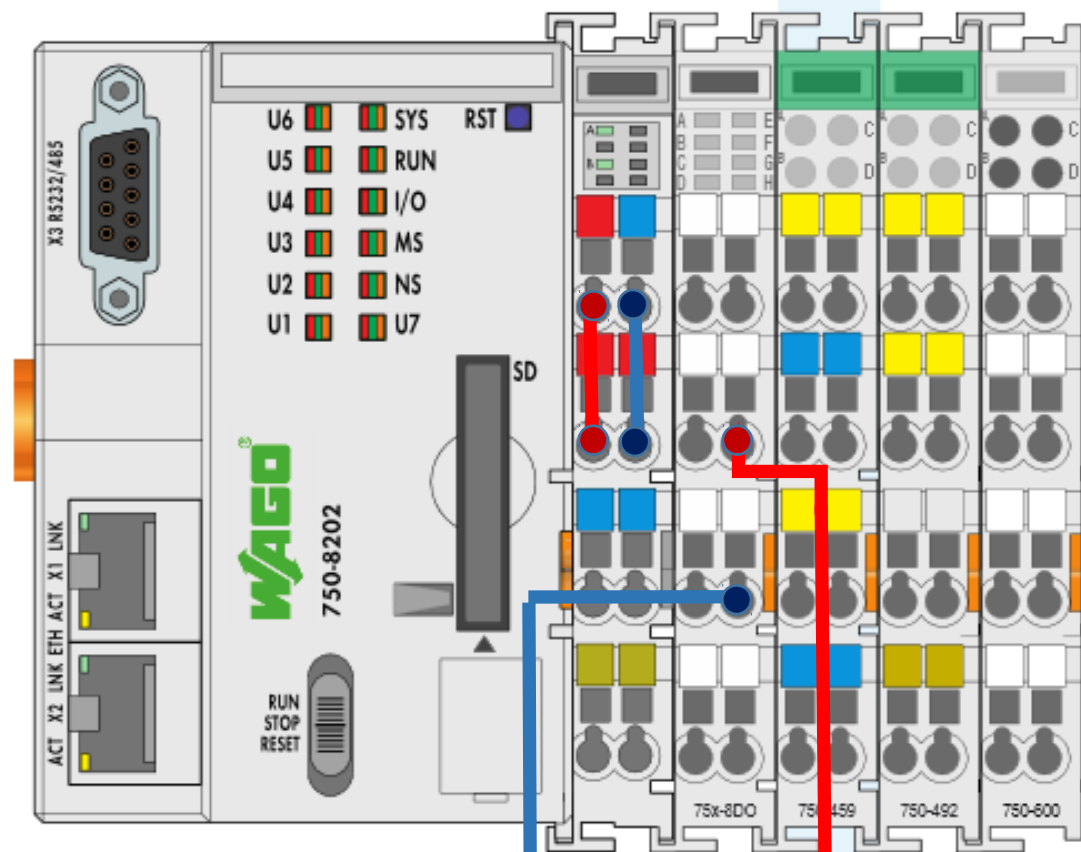


192.168.1.15

Revision 1

Ethernet connection

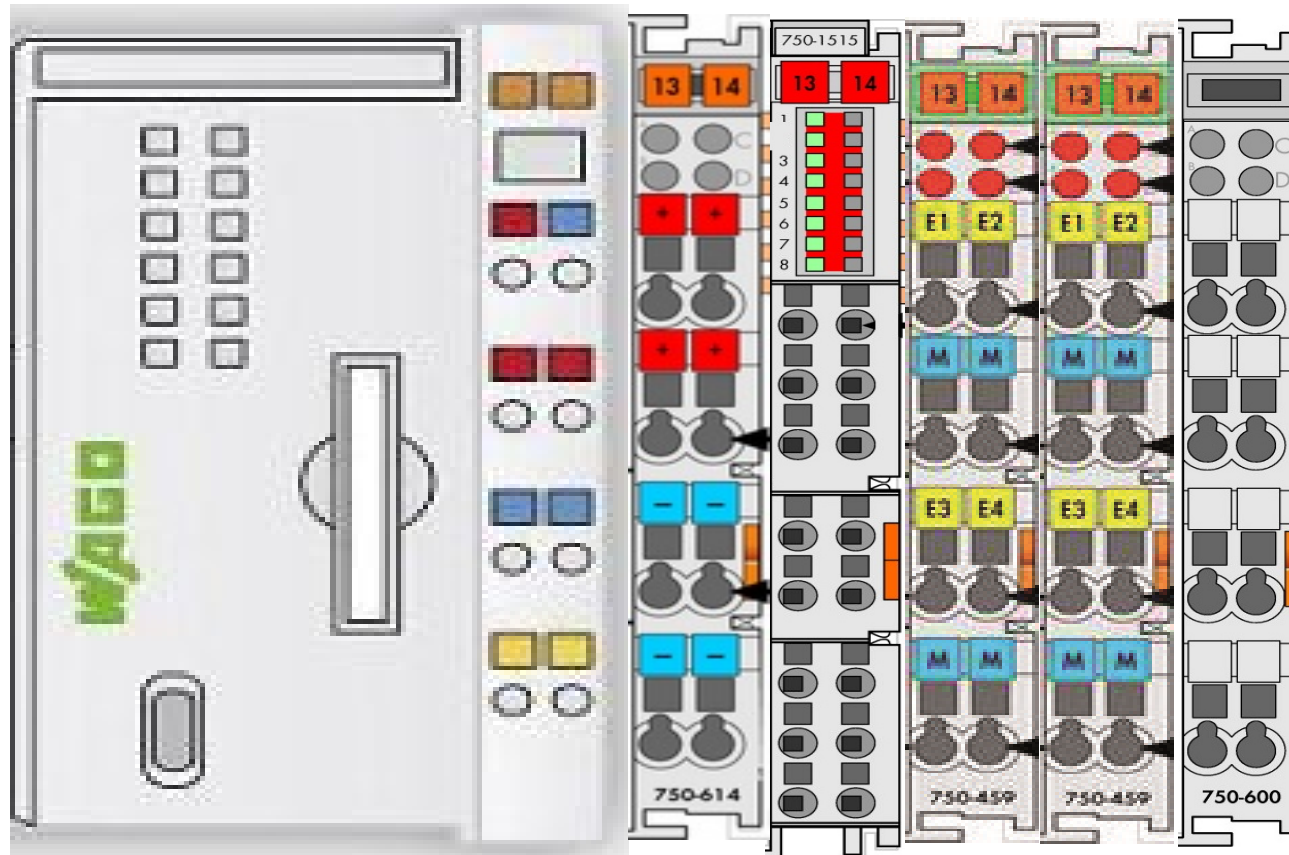
Page 2



Revision 1

PLC Power Supply

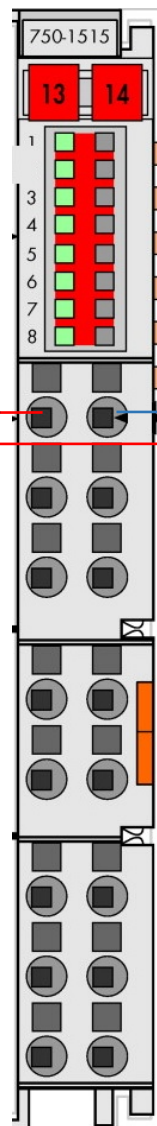
Page 3



Revision 1

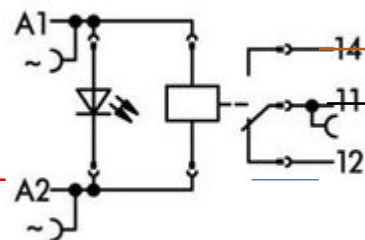
PLC Cards

Page 4



Digital Output Card

Relay R1

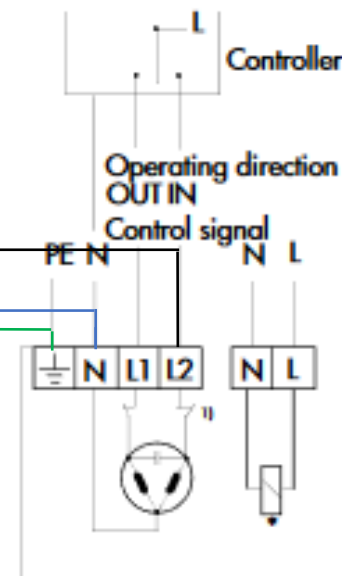


220 VAC Terminals

0 VAC Terminals

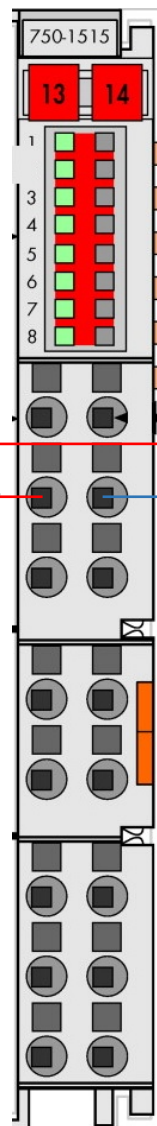
Ground Terminals

Samson Water Control Valve



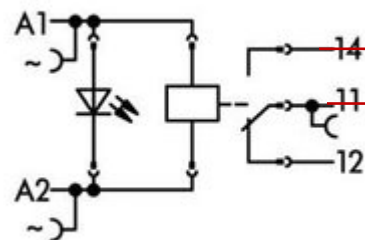
Revision 1

Open Water Valve



Digital Output Card

Relay R2

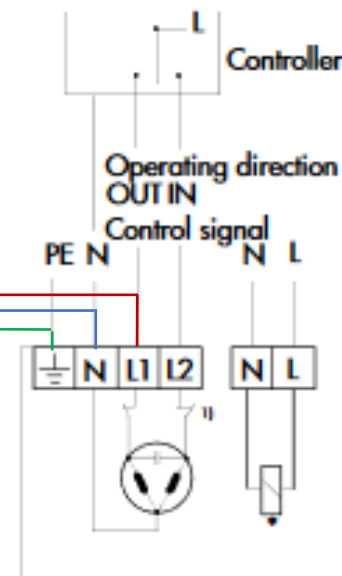


220 VAC Terminals

0 VAC Terminals

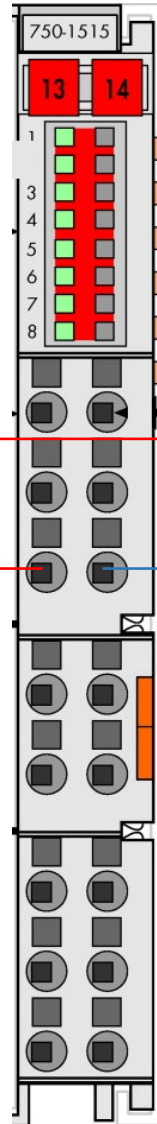
Ground Terminals

Samson Water Control Valve



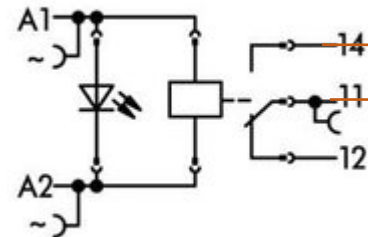
Revision 1

Close Water Valve



Digital Output Card

Relay R3

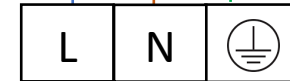


220 VAC Terminals

0 VAC Terminals

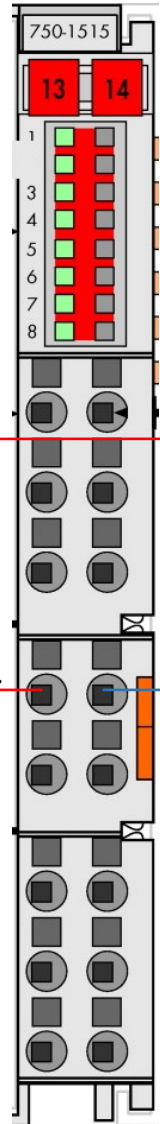
Ground Terminals

Drain Solenoid Valve



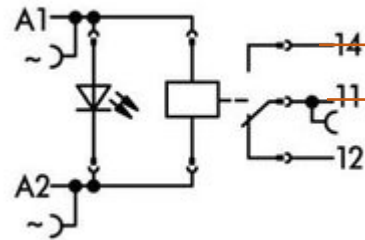
Revision 1

Open Drain Valve



Digital Output Card

Relay R4



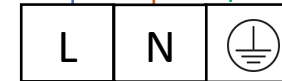
220 VAC Terminals

0 VAC Terminals

Ground Terminals

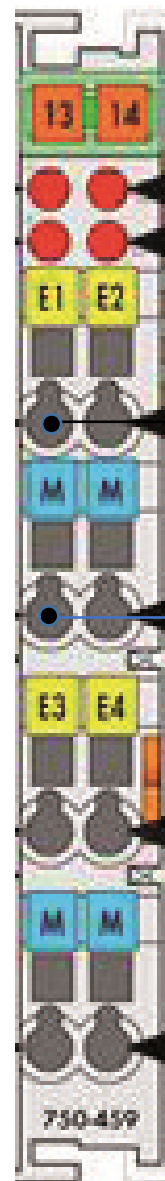


Water Pump



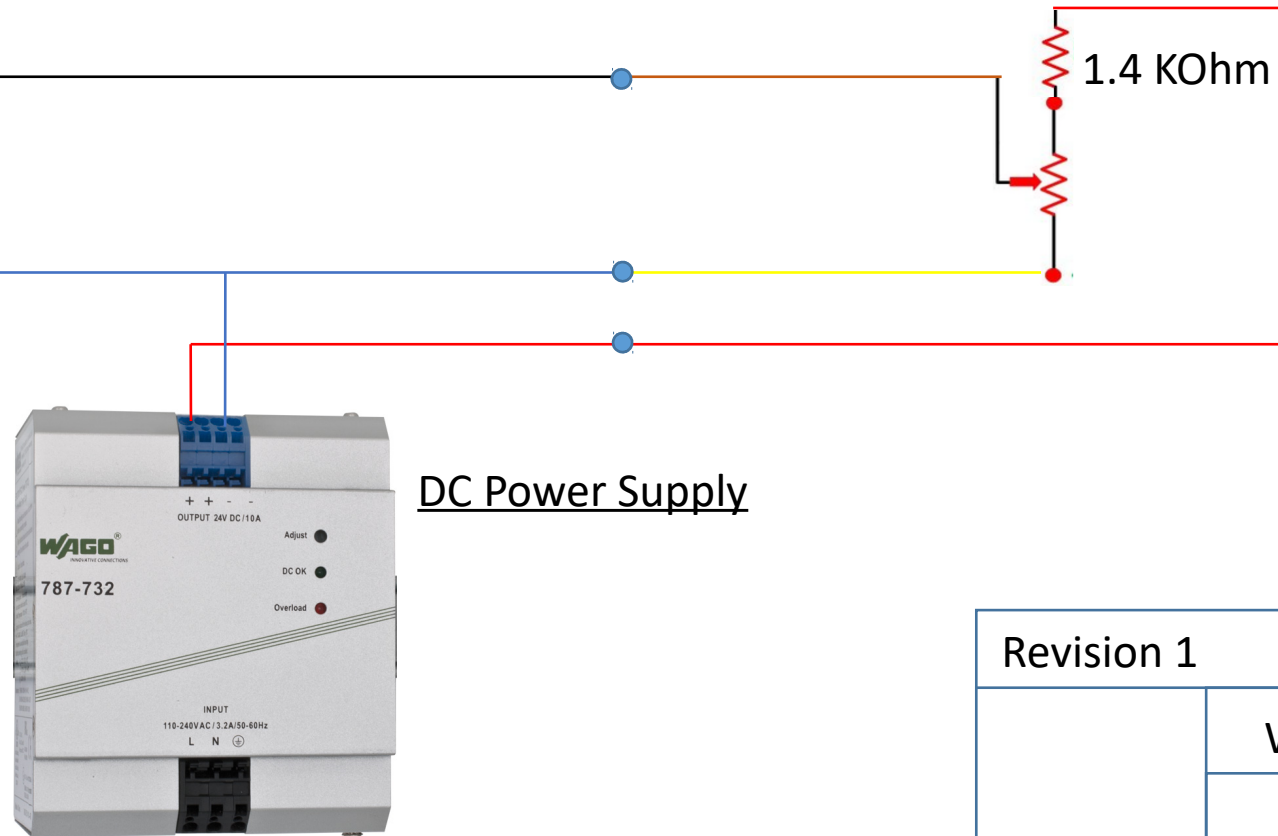
Revision 1

Start Pump



Analog Input Card (0-10 VDC)

Position Potential Divider



DC Power Supply

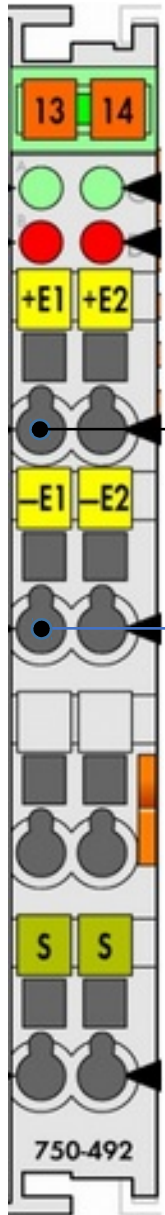
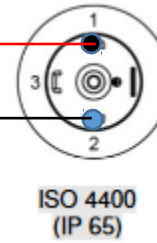
Revision 1

Water Valve Position

Page 9

Analog Input Card (4-20 mA)

Water Pressure Sensor



Revision 1

Water Level Meas.

Page 10