LOGO Inputs/Outputs

Inputs

1.) Stoker On. Wire parallel to stoker motor so LOGO knows when stoker motor is on.

2.) Ash Reset. Either wire a normally open spring return reset button to be pressed every time you take the ashes out, or wire a normally closed micro switch to be held open by the fines lever so every time the fines lever is pulled it resets the ash time to 0.

3.) Low Draft. Either use a draft pressure switch in exhaust to sense low draft, or use an outside temperature switch to turn on at warm outside temperatures, or simply put in a manual normally opened maintained switch to turn on when you think you may need the draft inducer cycling.

4.) Select N/O Alarm. Jump power to I4 if you want to have the LOGO close normally open contacts in an alarm condition. If you want the LOGO to open normally closed contacts in the alarm condition, do not jump power to this input.

5.) Select Draft Message. Jump power to I5 if you are going to use a draft inducer. If you are not going to use a draft inducer, leave this input empty so you do not have to see an unused draft message screen when scrolling through the LOGO.

Outputs

1.) Stoker Call On. This output calls the stoker on through the Honeywell controller.

2.) Dump Zone On. Wire low voltage thermostat wires from output Q2 to the dump zone valve. Wire them in parallel with the thermostat wires on the zone valve so the LOGO can call on the dump zone even when the thermostat is satisfied.

3.) Alarm Alert. Wire to an auto-dialer or alarm to this contact. Auto-dialers typically monitor normally closed circuits that open on alarm. You can wire low voltage wire from the contacts to the auto-dialer. Other items such as an auger high temp switch can also be in this normally closed loop.

    If you want to use an alarm instead of an auto-dialer, Run power for your alarm to one side of this contact and then run to your alarm horn, bell etc. Be sure to jump power to I4 per above to select normally open, close on alarm operation of this output if using an alarm.

4.) Draft Inducer. If using a draft inducer, wire power to one side of the contact and the inducer fan to the other.