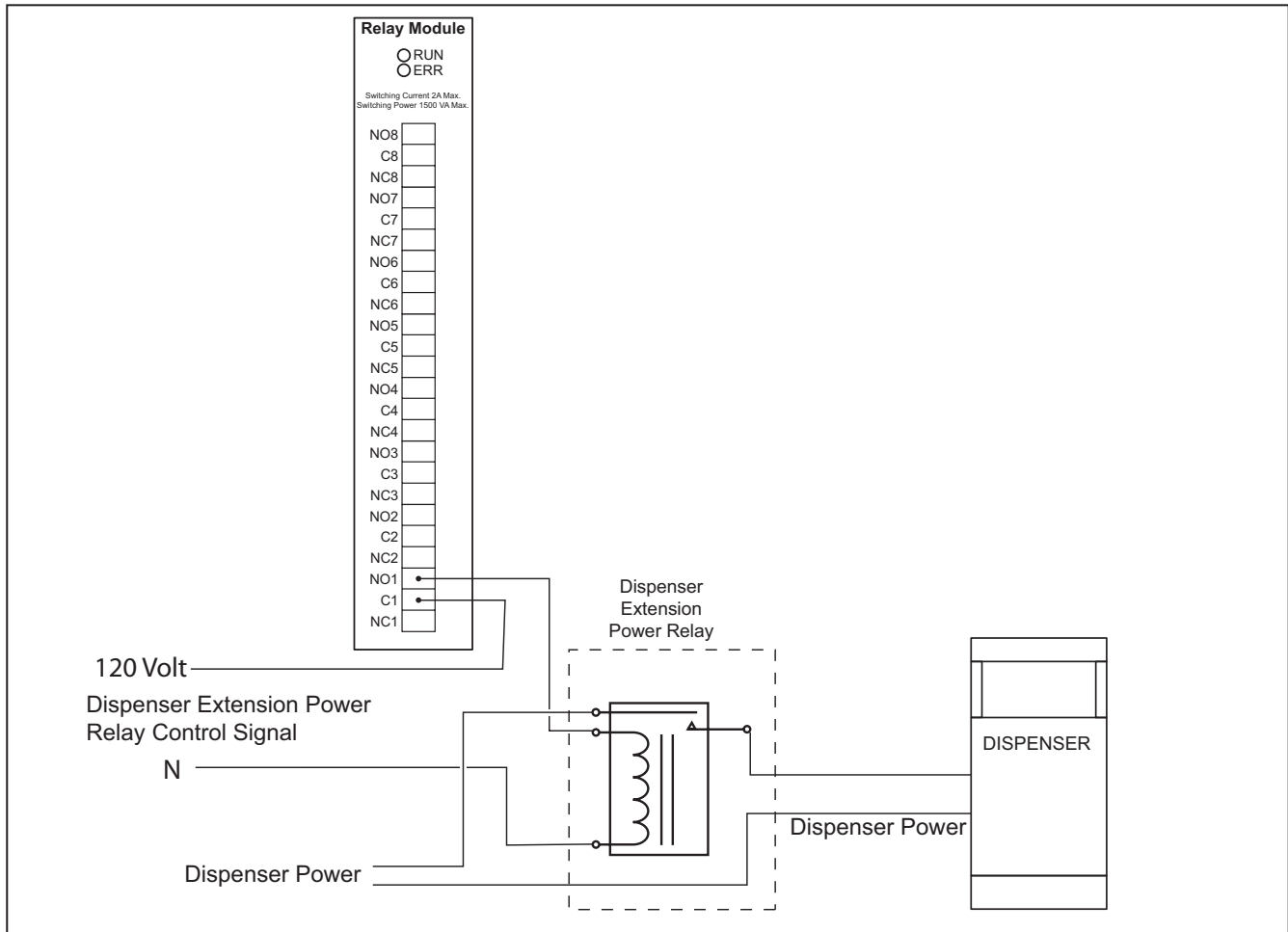


## Alternate Wiring for Positive Shutdown of Dispensers



The T5 series Installation manual 000-2150 advises that when a dispenser's current draw is high, that an appropriate extension relay should be used. This bulletin is intended to clarify those instructions.

The current draw is considered high when a steady state dispenser current is close to 10A or higher. A current spike during power-up sequence exceeding 15-20A also should be considered as high rating even if a steady state current is well below 10A.

A recommended alternate means of wiring the relay module in T5 series console is shown above.

In typical installations the dispenser power is routed through a NO (Normally Open) contact of the Relay Module of the TS-EMS or T5 Series. The Relay contact is programmed to operate in "inverted" mode so that it is

normally closed and will open on an alarm condition or power loss. The Relay module wiring and programming are the same in this application except that the wires connect to the Dispenser Extension Power Relay instead of going direct to the dispenser. (Refer to the TS Series Programming manual for further information).

When the EMS or T5 series console is programmed to do so it will interrupt the dispenser control signal and the dispenser power relay will open and shut off the power to the dispenser.

It is common for Gasoline Dispensing Facilities to have dispenser extension power relays already installed at the site for other purposes. If the site does not already have these relays, an external relay may need to be supplied.

If you have questions about this equipment, contact Franklin Fueling Systems Technical Support at 1-800-984-6266