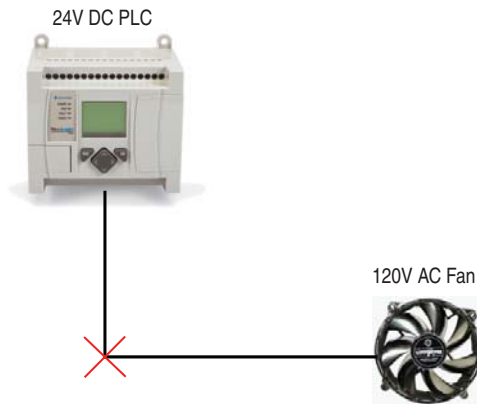


High-Density Interposing Applications

Bridging the Gap Between PLC and Load Ratings

Customer Need

Programmable logic controllers (PLCs) are commonly tasked with controlling loads that require more current than they can provide. This introduces a need for a solution that can accommodate the difference in current and voltage ratings between the PLC outputs and load requirements.

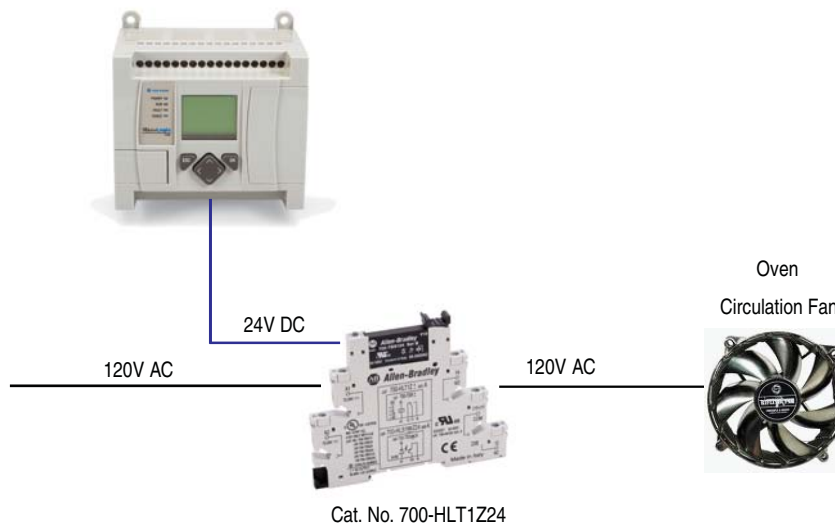


Solution Considerations

- Required load voltage
- Load current rating
- PLC output voltage and max current
- Available panel space

Component Solutions

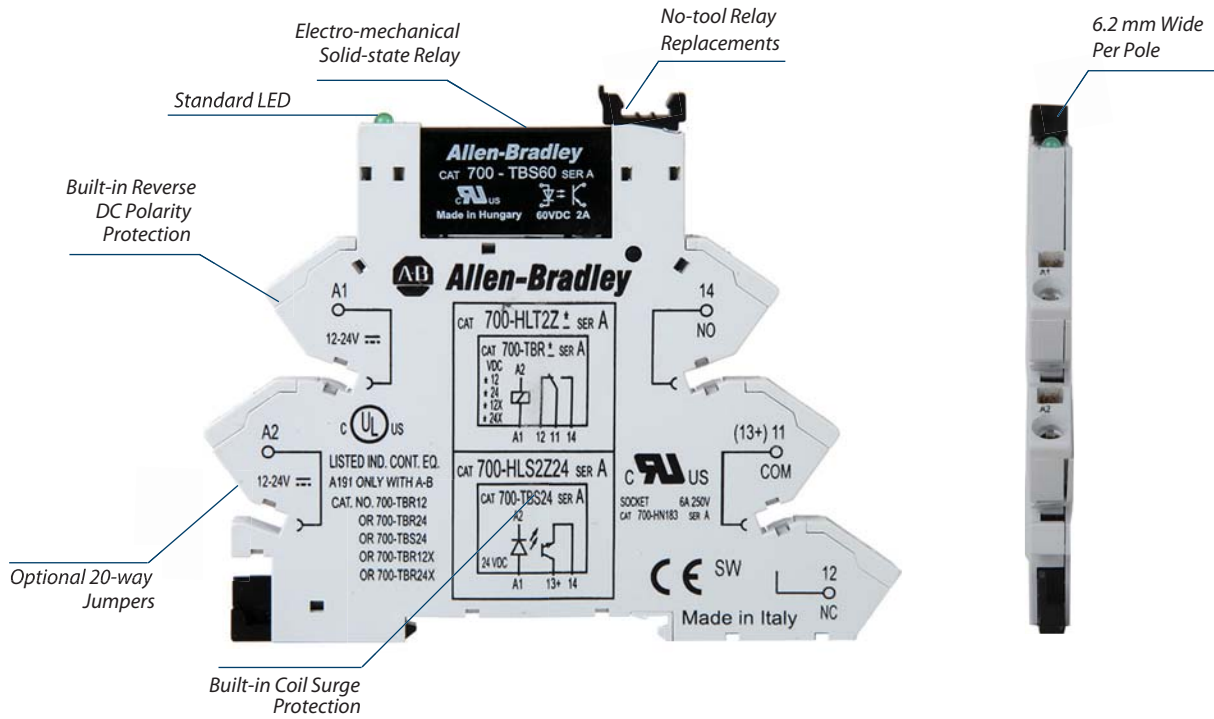
The Allen-Bradley Bulletin 700-HL terminal block relays provide the required interposing between the PLC output points and the application load. If the voltage of the load does not match your PLC I/O, a 700-HL can provide the needed isolation. If the current required by the load is greater than what the PLC I/O can provide, a 700-HL can be used to achieve the needed control. In addition, all the interface capabilities of the 700-HL relay are in a space-saving 6 mm width.



LISTEN.
THINK.
SOLVE.®

Summary

The 700-HL terminal block relays are a cost-effective solution for high-density interposing applications. They provide load control, preserve much needed panel space and make use of the available I/O.



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