

Index Register



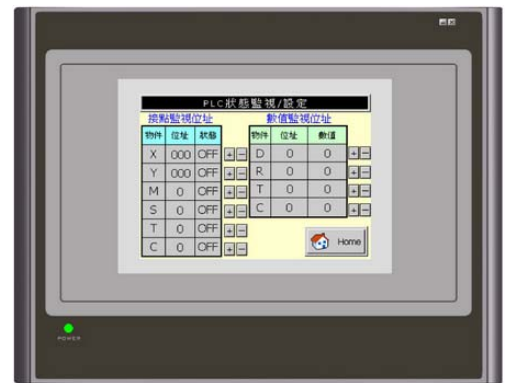
- Use indirect address to change object address
- \$I0~\$I15 defines site number, same program can link different site number equipment
- Change address to attain to monitor whole PLC data information
- 3.5" ~15" HMI supports Index Register
- Save image development time; both micro command and object address can be used.

Application Occasion

The application way of Index Register

For Example :

There are many temperature controllers, and the site numbers are different; only one HMI can change the site number through the Index Register and same program can correspond many temperature Controllers. Machine installs small-sized HMI, and connects to PLC to show all the data. Use indirect address, one screen can monitor all the data.



Use Method

Site number variable [\$I0]: M100, \$I0= 1, control site No.1 PLC-M100

\$I0= 2, control site No.2 PLC-M100

Object address variable 5:D[\$I16], \$I16= 250, display site No.5 D250 value

\$I16= 300, display site No.5 D300 value

Use plus/minus values to achieve multiple objects display

Screen makes D[\$I0], D[\$I0+1].....D[\$I0+9]

\$I0=100, displays D100~109

\$I0=420, displays D420~429

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