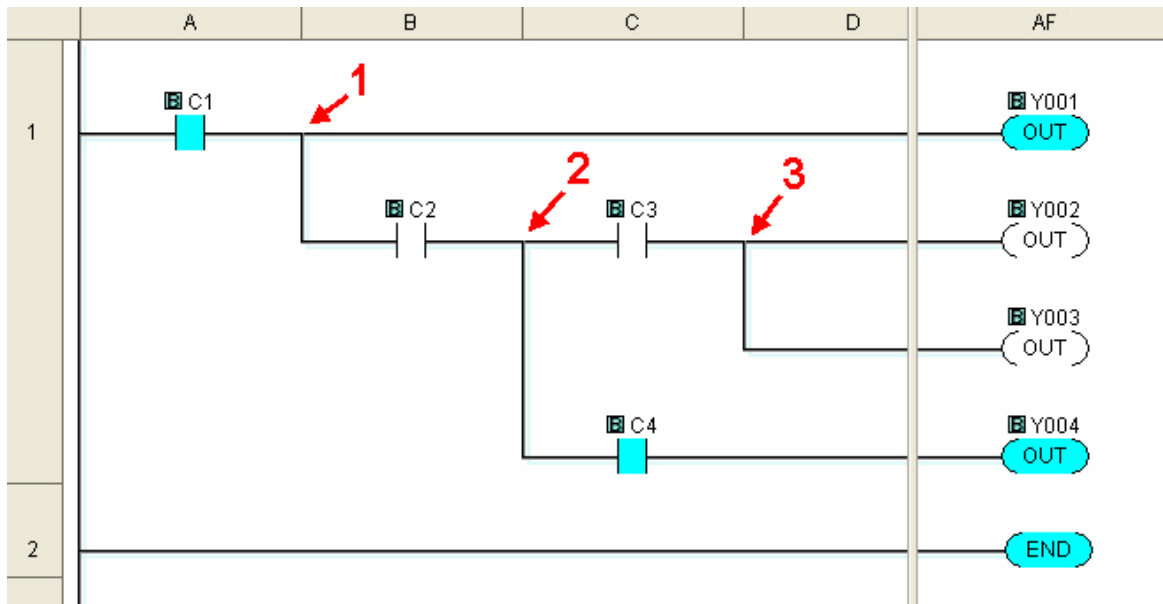Dear Valued Customer,

Our records indicate that you have received at least one CLICK PLC system in the past. We value your faith in AutomationDirect products and always strive to bring you products you can trust. Unfortunately, testing at AutomationDirect revealed that there are three critical problems in the CLICK Programming software. Koyo has determined that these problems are generated by the ladder program compiler in the CLICK Programming software. We have released three versions (V1.00, V1.10 and V1.11) since the launch of the CLICK PLC on October 15, 2008. All of these three versions have the following problems.

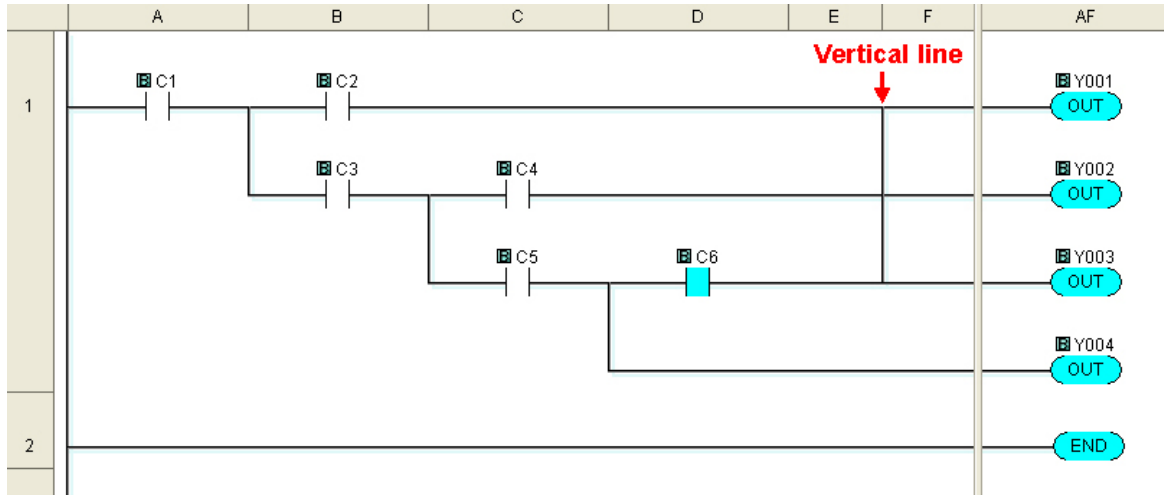## 1. Descriptions of the problems

Problem 1: Coil and Box instructions may be activated unexpectedly when there are 3 or more branches.

Please refer to the following example program. There are 3 branches indicated with the numbers 1, 2 and 3. Even if the contact with C2 is off, the Output instruction with Y004 is activated.
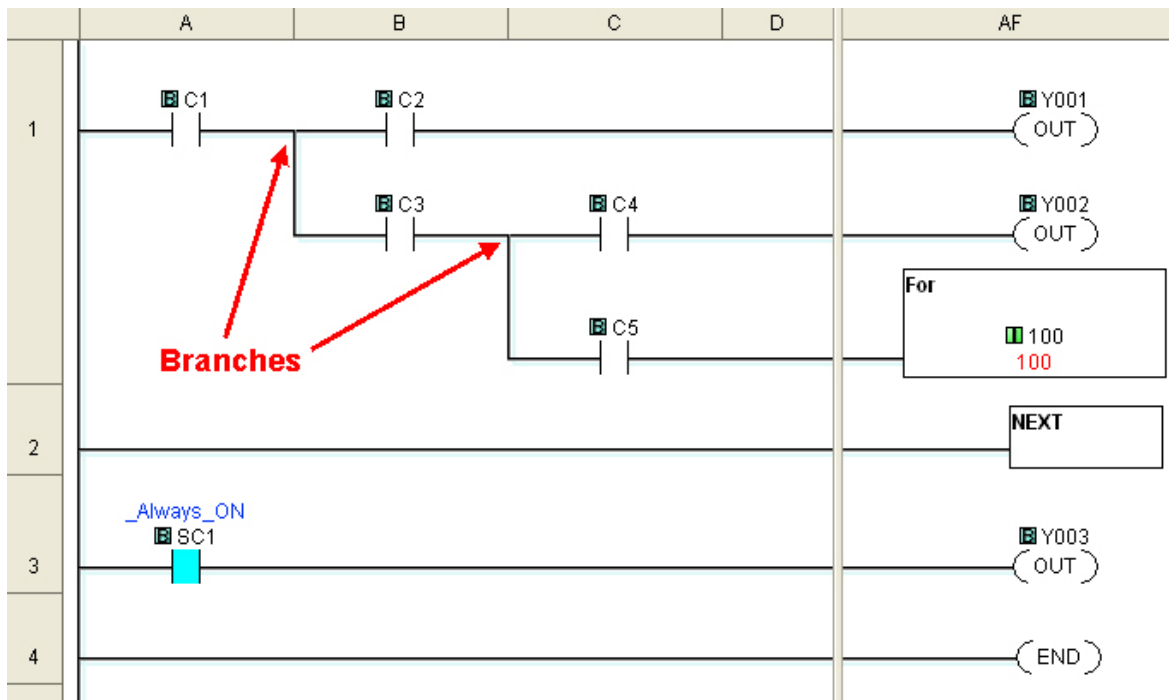
Problem 2: Coil and Box instructions may be activated unexpectedly when there is a vertical line.

Please refer to the following example program. There is a vertical line between the column E and F. When the contact with C6 is off, all Output instructions with Y001 to Y004 are activated.
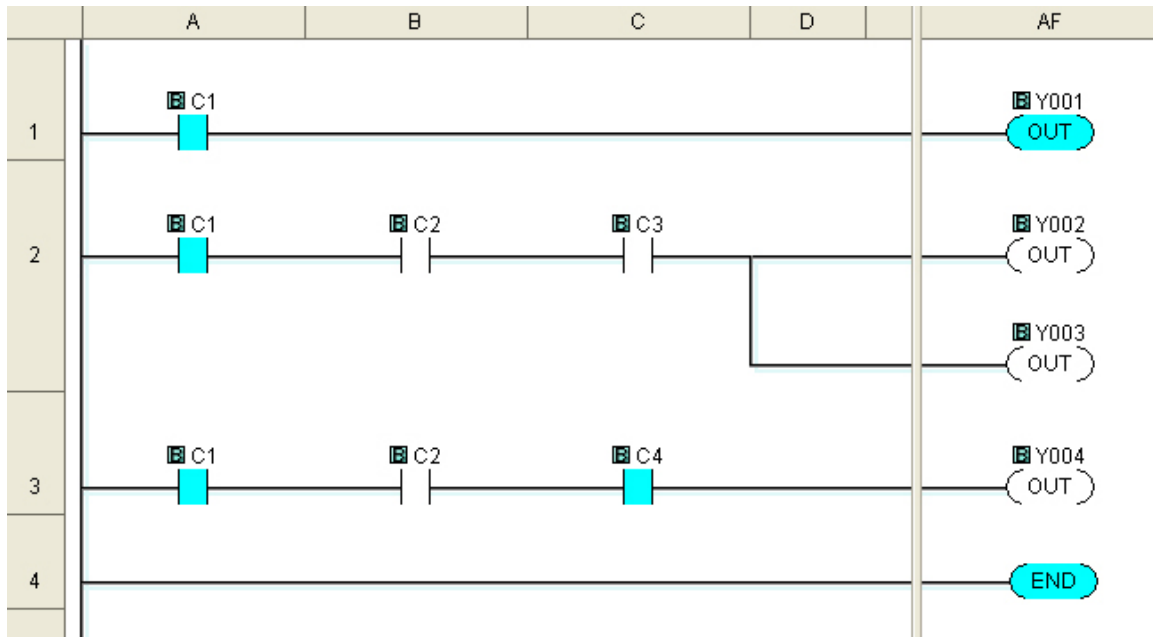

Problem 3: Coil and Box instructions may not work correctly when the For instruction is used in a rung with branches.

Please refer to the following example program. The first rung has 2 branches and a For instruction. The For-Next loop finishes at Rung #2. However, the Output instruction Y003 on Rung #3 is not activated even though the rung status is true.

2. Temporary solution

These problems are related to the ladder program compiler in the CLICK Programming software. When there are several branches in a rung, the CLICK Programming software compiles the rung incorrectly. As a temporary solution, we recommend that each rung should activate only one Coil or Box instruction, or a group of Coil and/or Box instructions. Here is an example. This is a modified version of the example program for Problem 1.

3. Permanent solution

Koyo has been working on the CLICK Programming software to fix these problems. When we release the new version of the CLICK Programming software that solves these problems, we will send another notification letter to you.

We deeply apologize for any inconvenience these critical problems may cause and if you have further questions, please contact us.

Sincerely,

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1-800-633-0405