

离散量报警的应答写变量无效

Smart 面板编译项目时报错，提示离散报警的应答写变量无效。如下图所示。

The screenshot displays the '离散量报警' (Discrete Alarm) configuration window. It features a table with columns for '文本' (Text), '编号' (Number), '类别' (Category), '触发变量' (Trigger Variable), '触发器位' (Trigger Bit), '触发器地址' (Trigger Address), 'HMI 确认地址' (HMI Confirmation Address), 'PLC 确认变量' (PLC Confirmation Variable), 'PLC 确认位' (PLC Confirmation Bit), and 'PLC 确认地址' (PLC Confirmation Address). The table lists 19 discrete alarms, with the first 14 having '报警' (Alarm) as the trigger variable and '报警' (Alarm) as the PLC confirmation variable. The last five alarms (15-19) have '<无变量>' (No Variable) as the trigger variable and '<无位号>' (No Bit Number) as the PLC confirmation bit.

Below the table is a '设置' (Settings) dialog box for '离散量报警 4 (离散量报警)'. It shows the '文本' (Text) as 'DV1201开不到位', '编号' (Number) as '4', '类别' (Category) as '错误' (Error), and '组' (Group) as '<无组>' (No Group).

At the bottom, the '输出' (Output) window shows compilation errors:

时间	分类	描述
16:42:47.49	编译器	离散报警 '离散量报警 5' 的应答写变量无效。
16:42:47.49	编译器	离散报警 '离散量报警 4' 的应答写变量无效。
16:42:47.49	编译器	离散报警 '离散量报警 3' 的应答写变量无效。
16:42:47.49	编译器	离散报警 '离散量报警 7' 的应答写变量无效。
16:42:47.49	编译器	离散报警 '离散量报警 10' 的应答写变量无效。

解决办法：

查看客户项目，发现客户组态的离散量报警触发变量和 PLC 确认变量不是同一个变量。按照要求，PLC 确认变量必须和触发变量是同一个变量，PLC 确认位和触发器位不能是相同位。

更多资料请参考如下链接：

离散量报警之确认变量

http://www.ad.siemens.com.cn/productportal/Prods/HMI/Comfortpanel/Q7_configuration/FAQ146.html