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主题(Title):

G120XA V/F 模式下用 BOP 快速调试异步电机案例

G120XA V/F mode with BOP quick commissioning asynchronous motor case

问题 (Problem description):

在 V/F 模式下 G120XA 驱动异步电机，客户用 BOP 进行快速调试时,常常忘记电机参数计算和静态优化，导致出现过温或过流报警。

In V/F mode, G120XA drives asynchronous motor. when customers use BOP for quick commissioning, they often forget the calculation of motor parameters and static optimization resulting in an over temperature or over current alarm.

回答 (Solution/Workaround):

G120XA V/F 模式下用 BOP 快速调试异步电机步骤:

- 1.启动快速调试。
- 2.参数初始化。
- 3.通过 P0096 参数选择应用等级：P0096=1。
- 4.根据电机铭牌输入驱动器参数：P0100=0, P0210=380, P0300=1 87HZ 选择 NO, P0304=380, P0305=1.12。P0307=0.37, P0310=50, P0311=1330, P0335=0。
- 5.选择工艺应用：P0501=1。
- 6.选择 G120XA 接口的缺省设置：P0015=41。
- 7.设置最小转速和最大转速、加速和减速时间：P1080=10, P1082=50, P0758=0, P1120=10, P1121=10, P1135 =0。（备注：P1121 下降时间在“OFF1”生效，P1135 下降时间在“OFF3”生效）

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8.选择电机数据的检测方法: P1900=2。

9.启动电机数据检测。

10.快速调试结束。

quick commissioning step of asynchronous motor with BOP in G120XA V/F mode:

1. start quick commissioning.
2. parameter initialization.
3. select the application class by P0096 parameter: P0096=1.
4. Input the driver parameter according to the motor nameplate: P0100=0, P0210=380, P0300=1 87HZ select NO.
P0304=380, P0305=1.12, P0307=0.37, P0310=50, P0311=1330, P0335=0.
5. select the application: P0501=1.
6. select the default setting of the G120XA interfaces: P0015=41.
7. setting minimum and maximum speeds ramp-up and ramp-down times: P1080=100, P1082=1330, P0758=0, P1120=10, P1121=10, P1135=0. (note:P1121 falling time takes effect at "OFF1",P1135 falling time takes effect at "OFF3")
8. select the motor data identification method: P1900=2.
9. start motor data identification.
10. quick commissioning has been completed.