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Knowledgebase No. 491483: K300 with E14 connected to a new CompactLogix

原文: Why am I getting the E14 on the K300 when connected to the CompactLogix controller?

The E14 is a communication error for the Ethernet network. This also causes a 16#0203 Connection timed out.

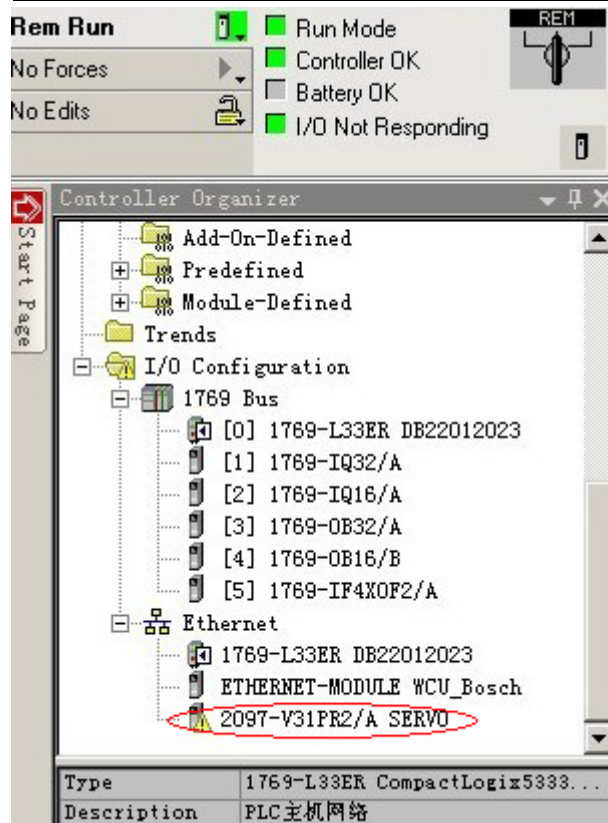
Verify the K300 module properties on the Connection tab and make sure that the checkbox for the "Use Unicast Connection over EtherNet/IP" is unchecked. Its default is with the box checked. This was seen on a V19 and V20 project.

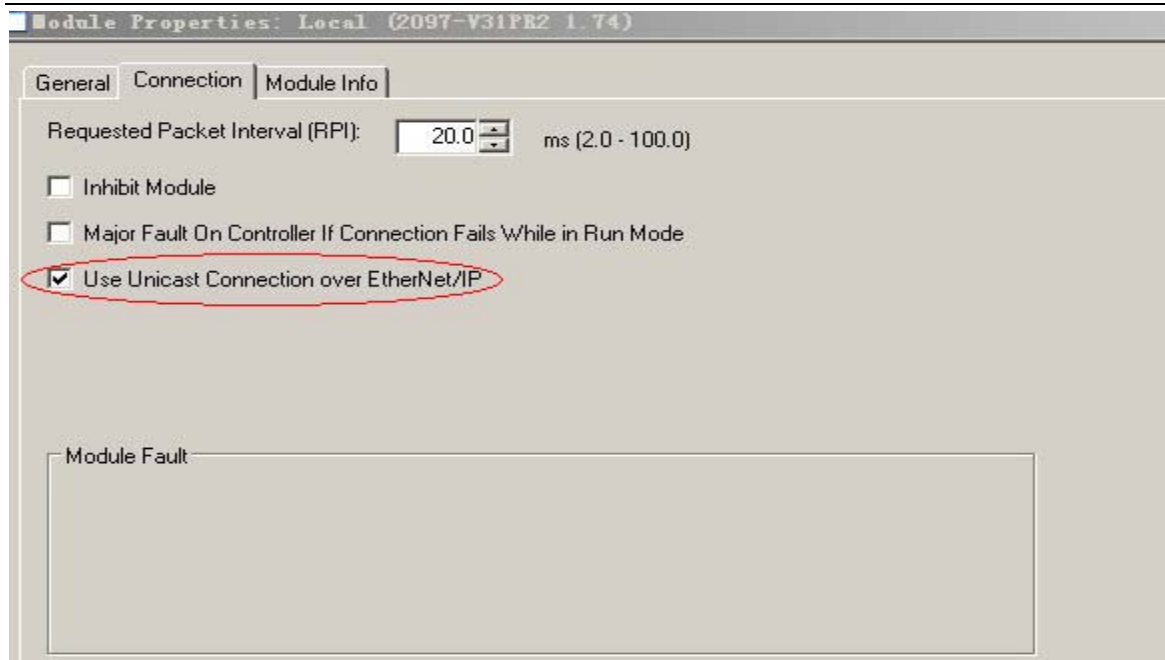
If this is changed to unchecked, then a power cycle is required for the K300 to clear the E14 fault.

概要: 在使用 V19 或 V20 版本软件中, 当新的 CompactLogix 控制器跟 K300 通过 Ethernet 工业以太网进行通讯时, 会发现控制器无法正常识别 K300 驱动器, K300 驱动器上显示 E14 (16#0203 Connection timed out 连接超时)故障。遇到该问题, 请在 RSLogix5000 软件配置 K300 时在属性栏里有一个复选框 “Use Unicast Connection over”, 默认是打勾的, 把勾去掉, 再重新连接 K300, 这时控制器显示正常, K300 E14 故障消失。

应用:

型号	描述	固件版本	备注
1769-L33ER	5370 控制器	20.00	
2097-V31PR2	K300 驱动器	1.74	
RSLogix5000		20.00	





去掉上图划红圈的复选框上的勾，K300 工作正常。

