



# PRODUCT ADVISORY

**Product:** DL205  
**Part No.:** DL205 I/O Modules  
**Subject:** I/O Wiring Changes

**Number:** PA-205-WIRE  
**Date Issued:** 4/24/00  
**Revision:** Original

**Products Affected** This advisory applies to all DL205 I/O modules that require field wiring.

**Description of Problem** Step 1 and the **NOTE** in the I/O Wiring Checklist on page 2–25 of the 205 User Manual should read as shown below.

**I/O Wiring Checklist** Use the following guidelines when wiring the I/O modules in your system.

1. There is a limit to the size of wire the modules can accept. The table below lists the **suggested** AWG for each module type. When making terminal connections, follow the suggested torque values.

Module type	Suggested AWG Range	Suggested Torque
4 point	16* – 24 AWG	7.81 lb-inch (0.882 N•m)
8 point	16* – 24 AWG	7.81 lb-inch (0.882 N•m)
12 point	16* – 24 AWG	2.65 lb-in (0.3 N•m)
16 point	16* – 24 AWG	2.65 lb-in (0.3 N•m)



**\*NOTE: 16 AWG Type TFFN or Type MTW is recommended.** Other types of 16 AWG may be acceptable, but it really depends on the thickness and stiffness of the wire insulation. **If the insulation is too thick or stiff and a majority of the module's I/O points are used, then the plastic terminal cover may not close properly or the connector may pull away from the module. This applies especially for high temperature thermoplastics such as THHN.**

**Technical Assistance** If you have questions regarding this Product Advisory, or the proper use of the DL205 PLC in your application, please contact us at 770–844–4200 for further assistance.

