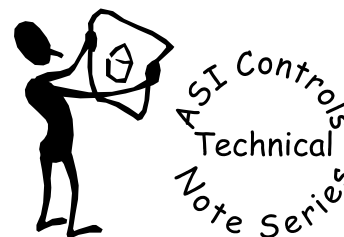




## Two-Part Screw Terminal Connectors

Affects: ASIC/1-8655, ASIC/2-8540

Date: 16 April 2008

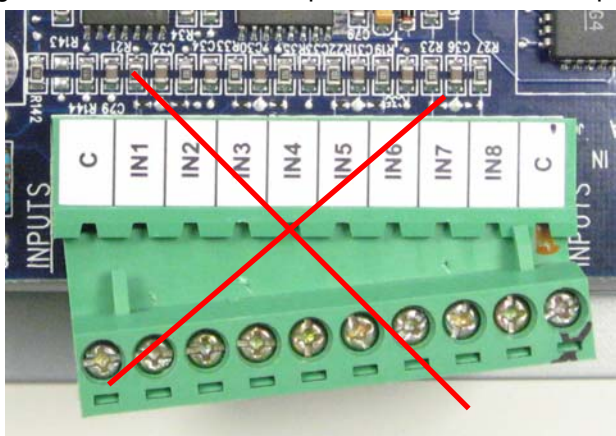


Note No. TN-039

Customers have reported a field problem with the 10 position two-part screw terminal connectors used on the ASIC/1-8655 and ASIC/2-8540 controllers. They have occasionally found that an end position on the plug fails to make proper connection to the header on the controller. For the input connections, it results in a bad common connection. For the Binary Output connections, it results in a bad return connection.

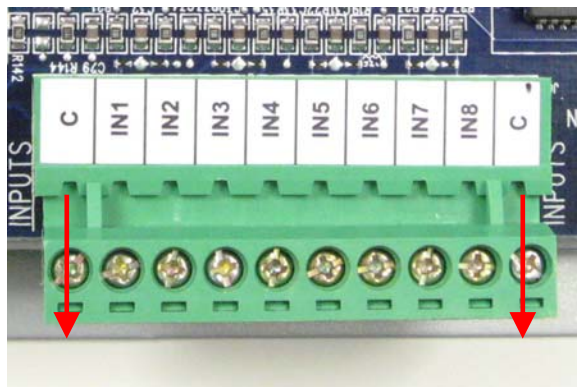
We have observed this on-site at one installation. On examining the “bad” plug connector, we find that indeed the female connector that grips the male header pin on position 1 or position 10 has been forced open, so that it no longer makes proper contact.

The problem appears to be caused when the two-part connector is unplugged. Considerable force is required. If one end is forced out at an angle, this can bend the end position contacts on the plug,



**Incorrect !!!**

Care must be taken when unplugging the connectors in the field or on the bench. Use two thumbs to push the connector out from both sides so that it comes out evenly.



**Correct !!**

If you have any further questions please contact: ASI Controls Technical Support [support@asiccontrols.com](mailto:support@asiccontrols.com), or call 925-866-8808