

Subject: RE: Beckhoff Documentation

From: Nicholas Skoog <N.Skoog@beckhoff.com>

Date: Tue, 30 Mar 2010 11:26:35 -0700

To: "Chaiken, Alison" <alison@slac.stanford.edu>

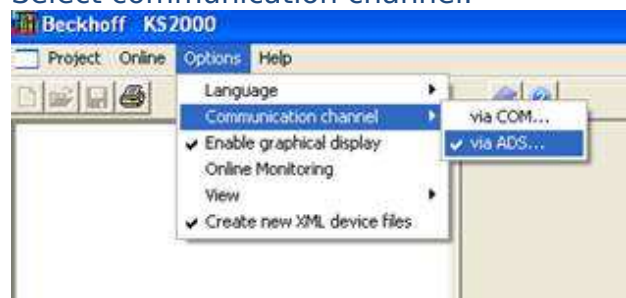
Hey Alison,

Just got done testing the BK9050 with KS2000 to set the first three octets of the IP address and it seemed to work fine, even after a reboot of the coupler.

The method you will need to use is to establish ADS route to BK, if you are using TwinCAT it will be done by scanning in the BK and putting it in free-run mode.

Otherwise, you can create a route to the BK9050 in KS2000 (see below):

Select communication channel:



Go to the AMS Router Tab:

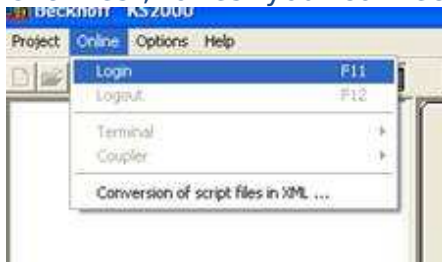


Fill out the fields, Name can be anything, AMS Net ID will be the IP address of your BK9050 with a .1.1 at the end (eg. 172.16.17.2.1.1) and also enter the IP address and click save.

Now go to the ADS tab and select the route from the list (you are able to enter AMS net ID and connect without manually creating route if you have already connected to the BK through TwinCAT System Manager):

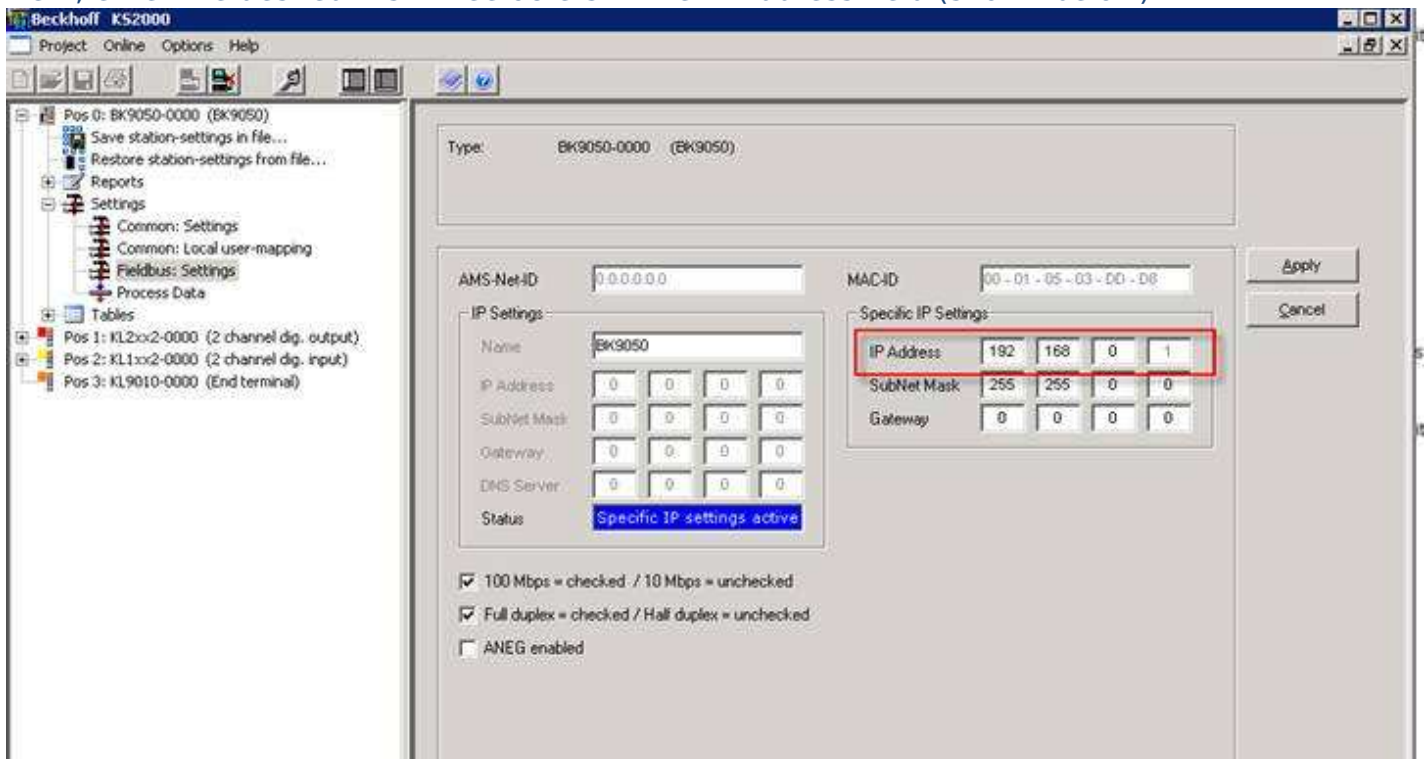


Click test, to test your connection, OK, then select Online—Login to get online with your BK:



Once you are online, expand the BK9050, expand Settings, and click on Fieldbus: Settings.

Next, enter the desired first three octets in the IP Address field (shown below):



Click Apply, and select yes to reboot coupler.

Once the coupler is rebooted, you will need to change the IP address of your local PC to the new network class. To test, ping new IP address, reboot coupler, and ping again.

If you have any other questions or run into any other difficulties, please let me know!

Thanks,

Nicholas Skoog
Service and Support Group

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From: Alison Chaiken [mailto:alison@slac.stanford.edu]

Sent: Tuesday, March 30, 2010 12:27 PM

To: Nicholas Skoog

Subject: Re: Beckhoff Documentation

> I will test this in the lab ASAP to make sure the first octets store after a bus coupler reboot.

Super. Any method that works is fine with me. I appreciate the time you've put in to support me.

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Alison Chaiken

(650) 926-2755 [checked infrequently]

I think that I shall never see a Phys. Rev. lovely as a tree.

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