16 K-Chief 700

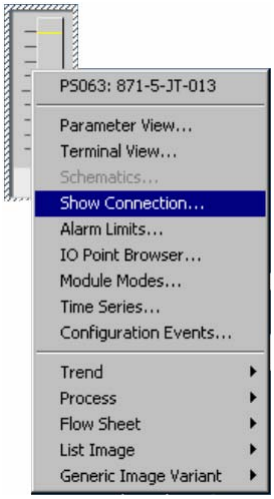
16.27.01 IO Configuration

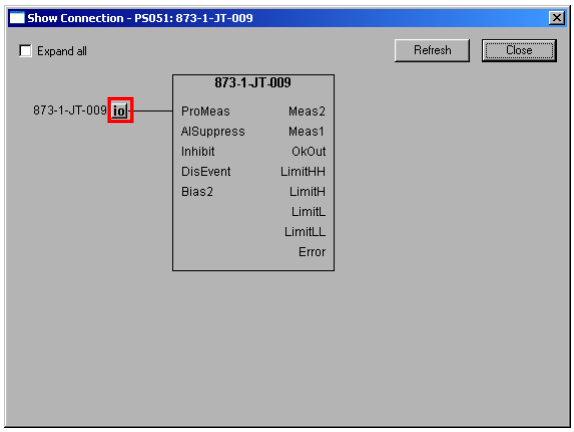
DMS no:

Objectives

- Know how to configure IO

IO Connections



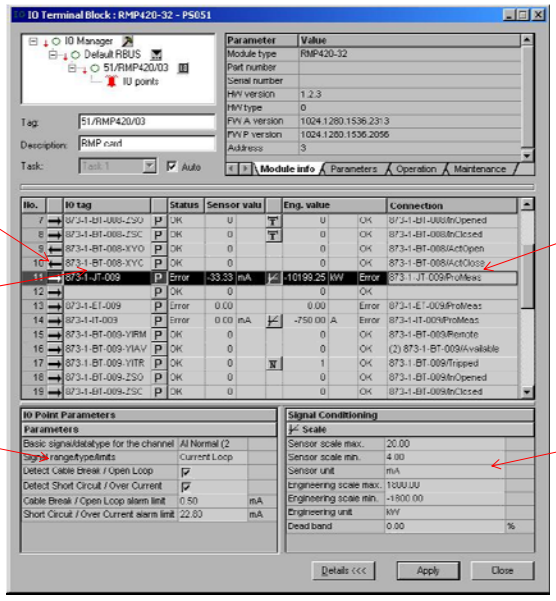


IO Terminal Block

Click for Loop Typical

IO Tag

IO Point Parameters



Connection

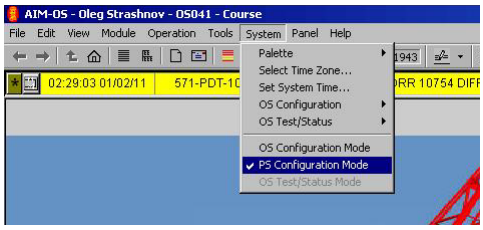
Signal Conditioning

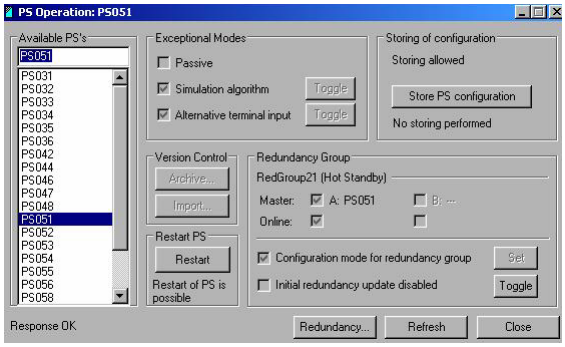
Login and necessary settings

- Log in as Chief
- Select PS Configuration Mode

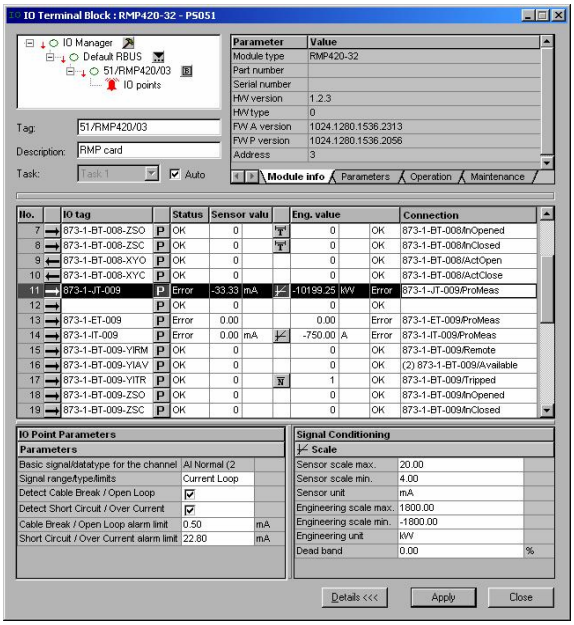
Redundant PS:

- Set *Configuration Mode for Redundancy Group*



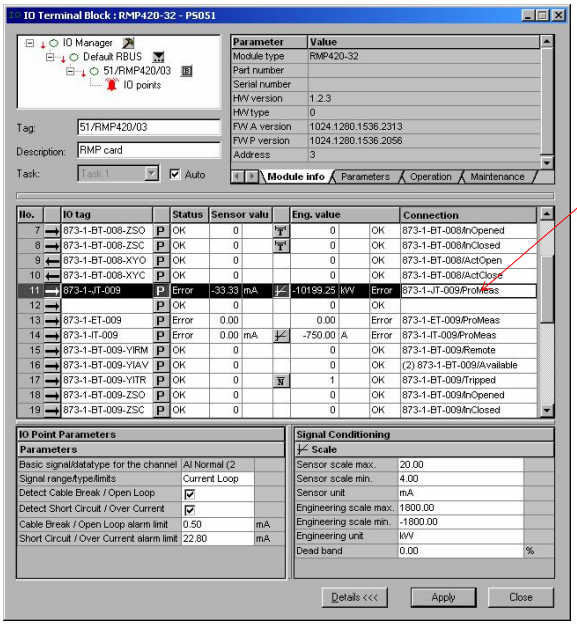


Changing IO Point

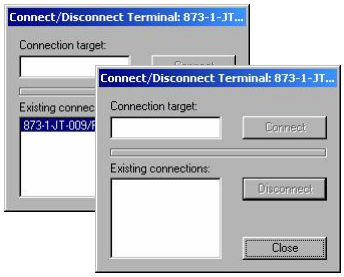


- Take note of all IO Point settings
- Make sure spare is available
- New IO Point have to be on same PS

Disconnect

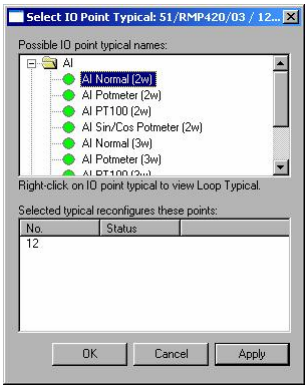


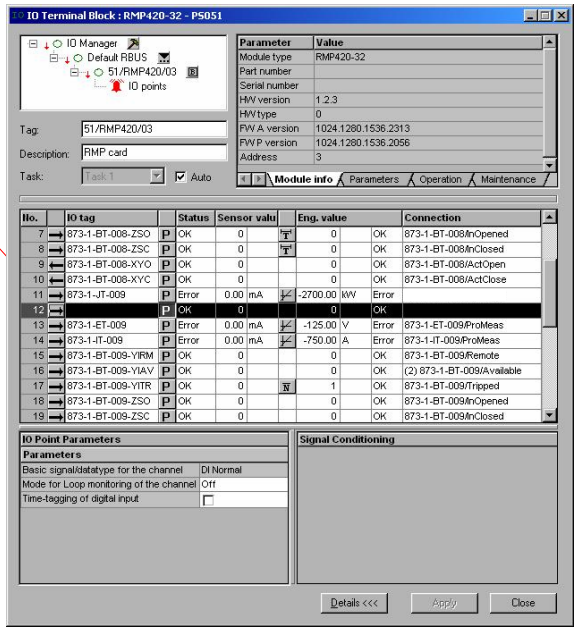
- Click *Connection*



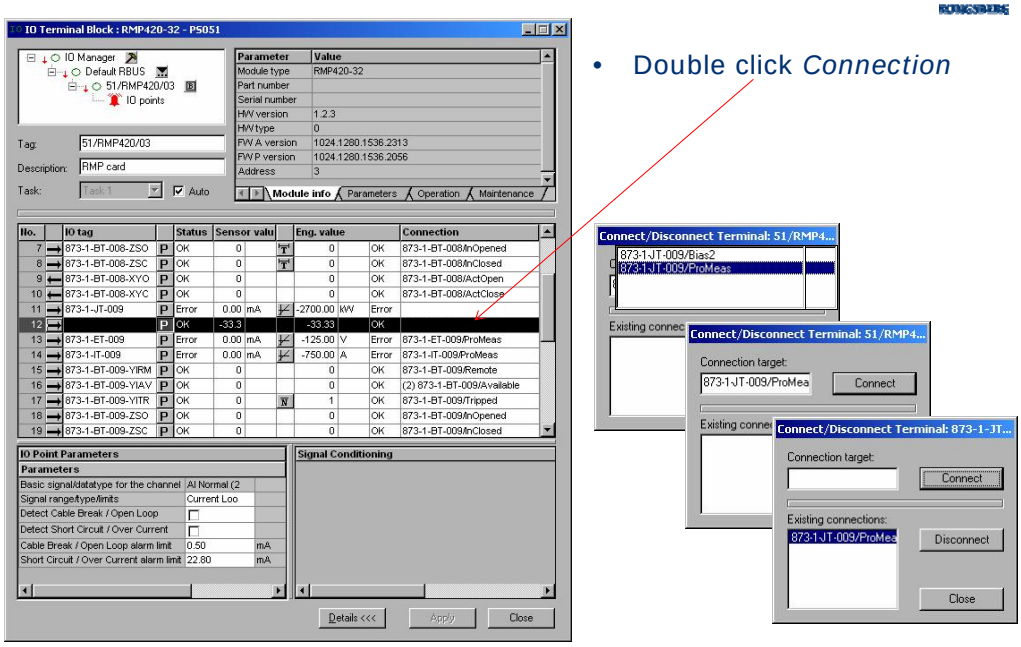
Set Loop Typical on Spare IO Point

- Click the *Arrow*



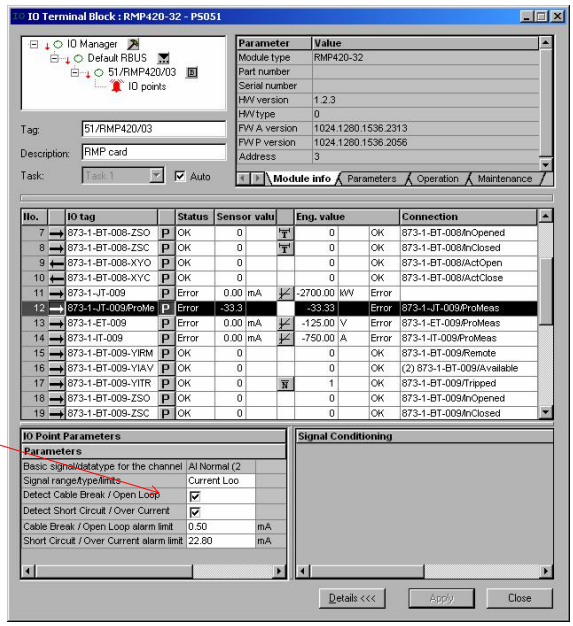


Connect



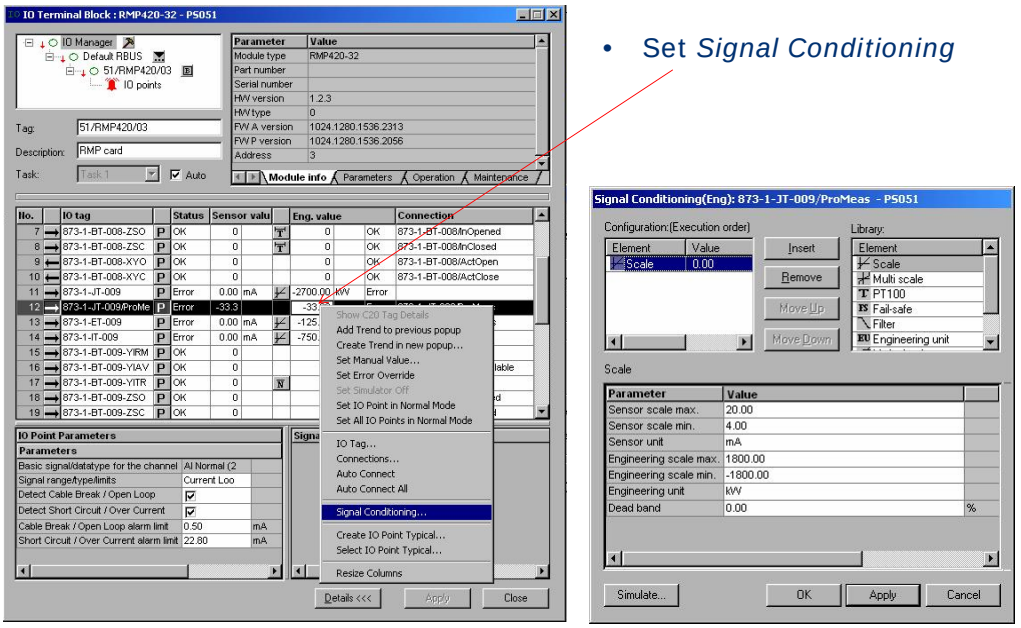
- Double click *Connection*

IO Point Parameters



- Set correct *IO Point Parameters*

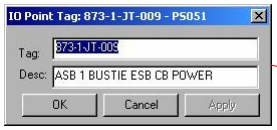
Signal Conditioning

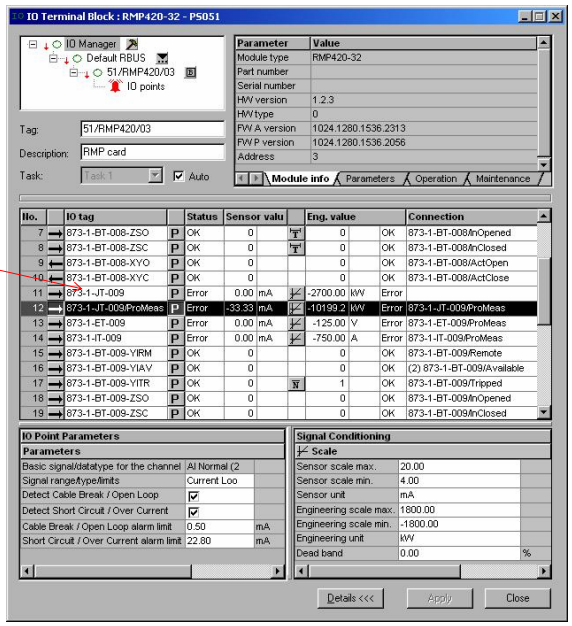


- Set *Signal Conditioning*

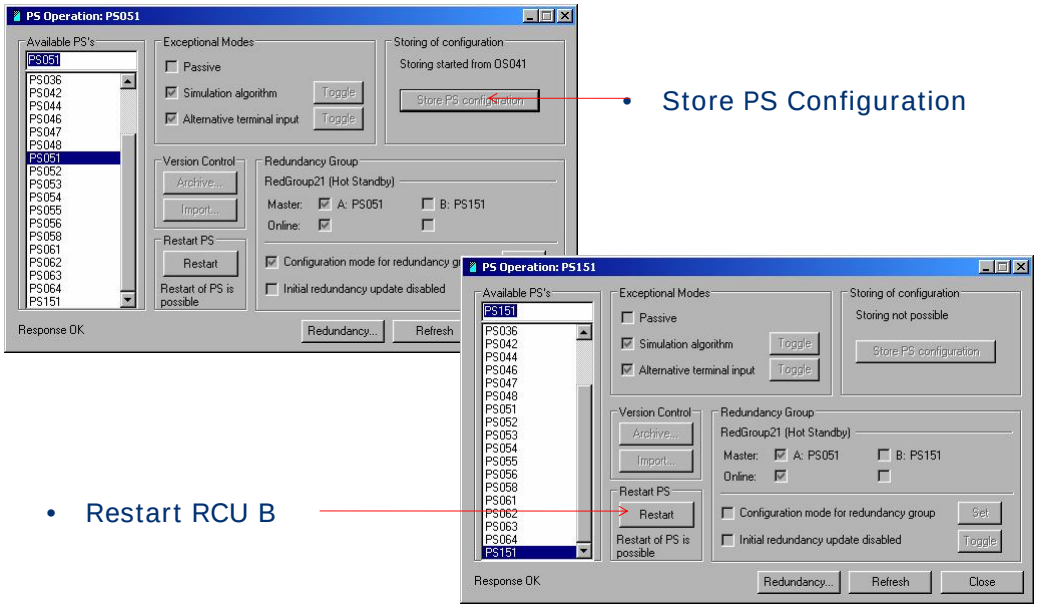
IO Tag

- IO Tag: cut and paste to new IO Point



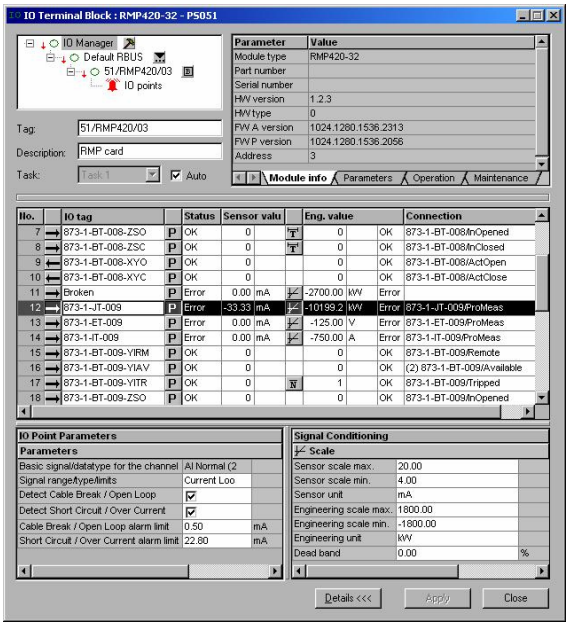


Backup RCU A and Restart RCU B



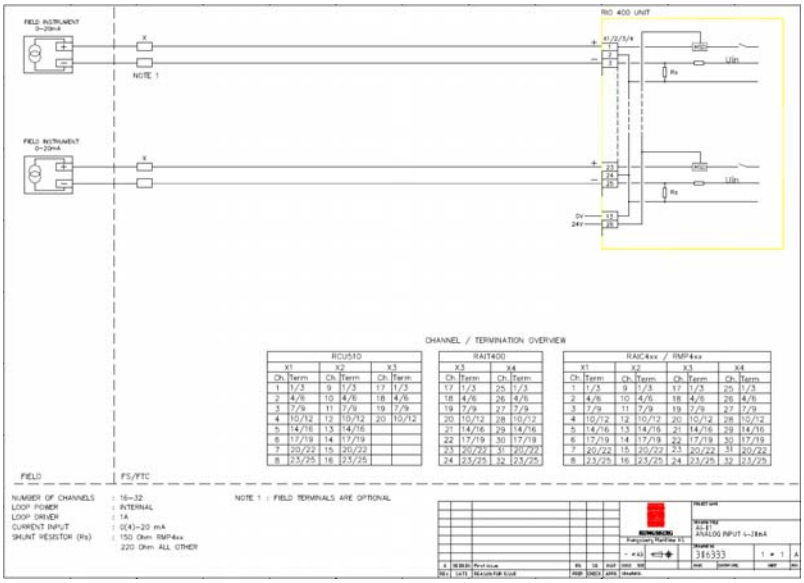
- Store PS Configuration
- Restart RCU B

RIO Connection



- Connect field signals to the new IO Point on RIO
- Connect according to correct Loop Typical

Loop Typical – AI-01



Exercises:

Exercise: IO SW
Exercise: Loop typical
Exercise: Changing IO-point

Summary

- Login level
- PS configuration mode
- Configuration mode for redundancy group if necessary
- Left click on connection to disconnect
- Double left click on connection to connect
- Set IO Point Parameters and Signal Conditioning
- Move the wires
- Backup PS (A)
- Reset PS B
- Remove PS configuration mode