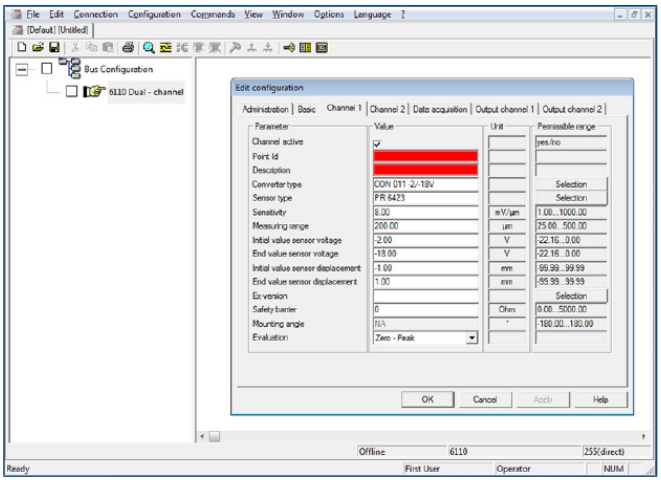
Configuration for AMS 6500 Protection Monitors

- Pre-configured user-selectable measurement types simplify software configuration
- Password protected with 4 user login levels for customized access
- Context-sensitive help messages address setup questions quickly
- Includes trend, time function, order analysis and startup/coast down data for comprehensive setup.
- Configuration includes setup for basic prediction capabilities, including troubleshooting and diagnostics



Main Configuration Window

Application

The AMS 6500 configuration software for machinery protection allows you to configure protection modules, view real-time vibration monitor system and sensor health.

The intuitive configuration process starts by selecting a card type. Next, the configuration software presents a simple tabular view with all configuration settings visible. Tabs help you sort information between inputs, outputs, advanced machine diagnostics and administrative tasks. Permissible ranges are visible for every required entry to help you understand the bounds of parameters. Preset parameters are automatically loaded when Emerson sensors and convertors are used.

Real-time data can be displayed during system configuration to verify that wiring, card settings, and instrumentation are healthy and configured properly. Real-time information such as gap voltages, waveform data, and overall vibration data are viewable.

On-going maintenance functions, such as resetting latching relays or loading a saved configuration, can be easily performed from the software. The software can run on PCs or laptops.

With the system configuration software, the following monitors of the A6000 family can be configured:

A6110, A6120, A6125, A6140, A6150, A6151, A6210, A6220, A6310, A6312, A6312-8, A6410, A6620, A6630, A6740, A6740-10, A6824, A6824R

Basic Prediction Capabilities

The AMS 6500 configuration software has built-in capabilities for some trends that allow basic troubleshooting and prediction of the machinery. The main value trend shows a graphical representation along with card health and alarm values. The software displays the time function of the vibration signal, the FFT analysis date with up to 400 lines resolution and the FFT phase data. The software also displays the last startup or coast down of the machine. The configuration software visualizes the data and shows speed over time and vibration over speed for each channel.

Configuration Software

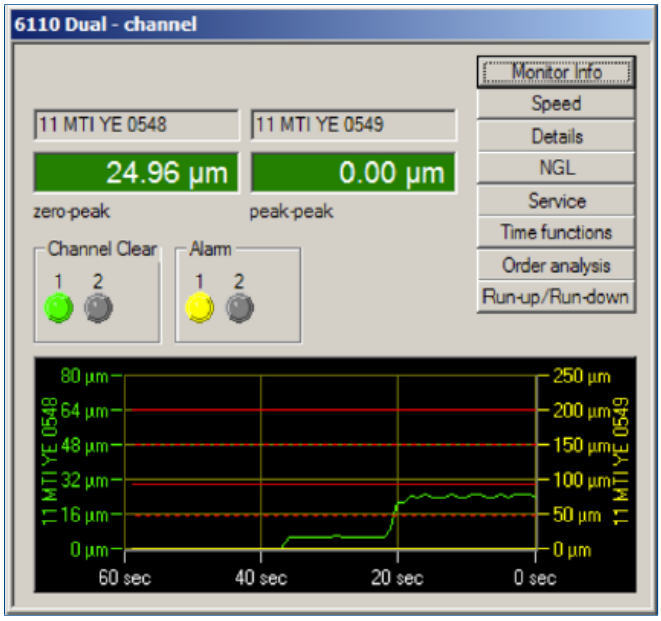
The configuration kit contains the following parts:

- CD-ROM with AMS 6500 protection module configuration
- Installation instructions
- Configuration cable, 2m, with a 9-pole sub-D plug and a 6-pole mini DIN diode plug for connecting to AMS 6500 protection monitors
- DV-adapter 9-pole SUB D on 25-pole SUB D type AB914F
- Two adapter cables with SMB-coax plugs on both sides for the connection of an oscilloscope to the AMS 6500 protection monitors, length 3m, 296-201-794 by Radiall
- Two adapters BNC/SMB R191 209 by Radiall
- USB to RS232 adapter

Configuration Programs

The configuration package contains the following programs:

- A6910 Configuration software for AMS 6500 protection monitors



Trend view

System Requirements

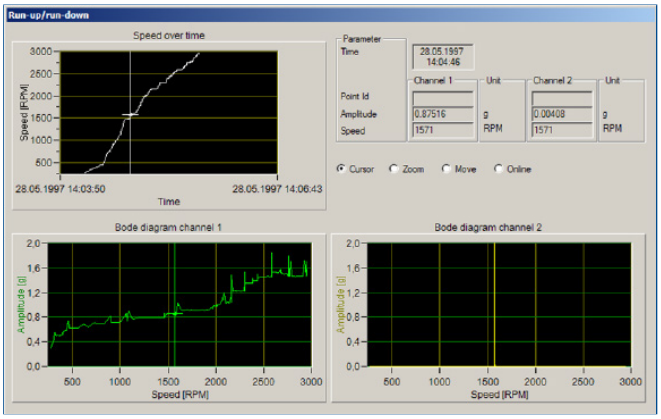
To load the programs, a PC or laptop must meet the following minimal prerequisites:

- Standard PC/Laptop with Pentium II or better, minimum clock frequency 500 MHz, CD-ROM, RS232 interface port (or USB when used with external USB to RS232 convertor)
- Operating system: Windows 2000, Windows XP, Windows Vista or Windows 7

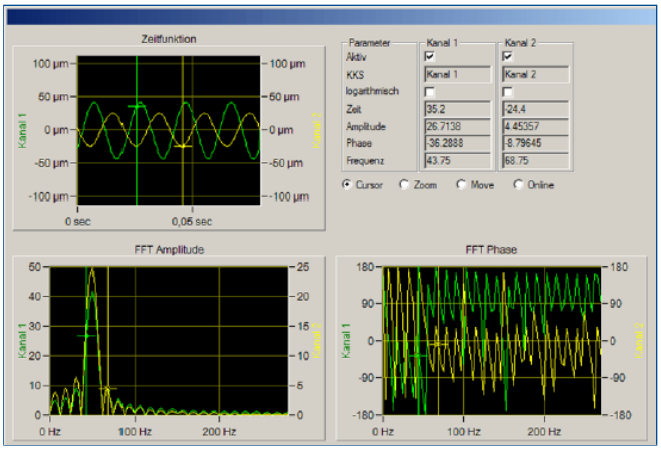
Order Number:

A6910-KIT: Includes software CD, cables, and adapters

A6910: Includes software CD only



Last startup/coast down



Time wave form, FFT and FFT phase

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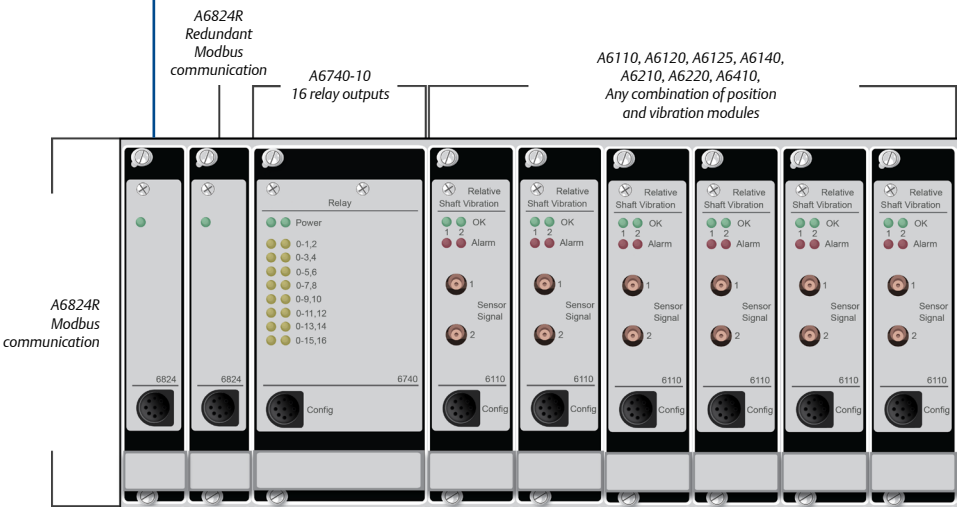
April 2018

AMS 6500 Configuration Manager



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