

[0004] Prior to installation and active service of many of these industrial automation devices, such as VFDs, may have many operational parameters, which may need to be programmed or set before start up of the system. For various different implementations there may be only a subset of the parameters which need to be changed from the factory default settings to relatively quickly get the industrial device started and running. It may take a user a relatively long amount of time to identify which parameters need to be addressed for the particular use of the VFD, and what values are needed for the specific application.

OVERVIEW

Systems, methods, and software for presenting parameter sets for industrial automation devices and equipment are provided herein. In one example, a non-transitory computer readable medium having stored thereon program instructions executable by a computing device is presented. When executed by the computing device, the program instructions direct the computing device present, to a user, a plurality of options corresponding to at least one set of programmable operating parameters for an industrial control device, the programmable operating parameters having preset values associated therewith, receive a selection of at least one the plurality of options, identify the set of programmable operating parameters corresponding to the selected option, and initiate display of the identified set of programmable operating parameters and respective preset values to a user.

In a second example, a method of presenting predefined subset of parameters for an industrial control device~~generating load profile information for industrial automation equipment~~ is presented. The method includes presenting a user interface with at least one subset of programmable operating parameters for an industrial control device, the programmable operating parameters having preset values associated therewith, receiving a user selection for one of the at least one subset of programmable operating parameters for the

industrial control device, identifying the programmable operating parameters associated with the user selection, and displaying the identified programmable operating parameters and respective preset values to a user.

In another example, there is provided an industrial control device comprising: a user interface capable of presenting, to a user, a plurality of options corresponding to at least one set of programmable operating parameters for the industrial control device, and receiving a selection of at least one the plurality of options, the programmable operating parameters having preset values associated therewith; a processor configured to identify the set of programmable operating parameters corresponding to the selected option, and initiate display of the identified set of programmable operating parameters and respective preset values to a user at least in part via the user interface.

BRIEF DESCRIPTION OF THE DRAWINGS

[0005] Many aspects of the disclosure can be better understood with reference to the following drawings. The components in the drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the present disclosure. Moreover, in the drawings, like reference numerals designate corresponding parts throughout the several views. While several embodiments are described in connection with these drawings, the disclosure is not limited to the embodiments disclosed herein. On the contrary, the intent is to cover all alternatives, modifications, and equivalents.

[0006] Figure 1 is a system diagram illustrating a parameter subset presenting system.

[0007] Figure 2 is a flow diagram illustrating a method of operation of a parameter subset presenting system.

[0008] Figure 3 is a system diagram illustrating a parameter subset presenting environment.

[0009] Figure 4 is a block diagram illustrating an example graphical user interface.

[0010] Figure 5 is a block diagram illustrating an example graphical user interface.

[0011] Figure 6 is a block diagram illustrating an example graphical user interface.

[0012] Figure 7 is a diagram illustrating applications and application specific subsets of parameters of a parameter subset presenting system, according to an example.