Change Log

DE-4000 Series Configurable Safety Shutdown and Control System

Form DE-4000 OCM 02-22

altronic



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This manual contains information on the operation and configuration of a DE-4000 Safety Shutdown and Control System. This manual supplements the DE-4000 Safety Shutdown and Control System Installation Instructions, Form DE-4000 II.

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Change Log

Release Version	Section	Description
2.1	Channels	Low set points should be before high set points (Safety and Control)
2.1	Dashboard	Need a way to create virtual buttons (On/Off, Manual/Auto)
2.1	Dashboard	Long labels do not contain themselves to the component bounds and automatically resize. Example, LED box, a long label will go on top the box and overwrite other components.
2.1	Dashboard	Long labels do not contain themselves to the component bounds and automatically resize. Example, LED box, a long label will go on top the box and overwrite other components.
2.1	Comms	Modbus registers are all read only, where are all the settings for setpoints and such? WE NEED THIS AS A STANDARD for all control panels. Everything should be configurable via modbus.
2.1	HMI	Must have a refresh button on the Dashboard and values page so it will reload the channel labels. Currently you must reboot each time to force a reload.
2.1	Dashboard	Need to be able to Insert a new HMI page between two existing pages.
2.1	Dashbaord	Sometimes clicking on the delete (trashcan) brings up the channel selector and adds a component instead of just removing the component.
2.1	Dashbaord	Need ability to set background color of Virtual Channels to show alarm state, faults,etc
2.1	Config	Fault output can be inverted, activate when faulted or activate when not faulted
2.1	Config	Start up sequence, can turn on and turn off multiple DS outputs in a single start up state
2.1	Dashboard	When defining an output there is now a single button channel selector
2.1	Dashboard	Up to 10 dashboard pages, used to be 7
2.1	Setup	Debug page numerous bug fixes
2.1	Setup	System will power up even if terminal boards are missing
2.1	Comms	Modbus Writes available
2.1	Comms	Modbus 32 bit available
2.1	Config	Fixed several issues with loading and saving parameters
2.1	Config	Save failed error fixed
2.1	Comms	Modbus, system can be remotely locked with a modbus write, can only be unlocked with a code by someone with the unlock code
2.1	Comms	All the main button presses (stop, reset, cancel timers etc.) can be initiated with modbus writes
2.1	Comms	Can define cutsom modbus write registers. Can assign code to run when a modbus register is written to. Functions can use this then as a passed variable
2.1	Application	High overspeed fault resolved
2.1	Config	Ability to configure 10 PIDs using global PID page

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Release Version	Section	Description
2.1	Config	Parameters page, user can define custom parameters that can be used in script.
2.1	Dashboard	New display elements for the dashborad page, Toggle button, Up/down, up/down input
2.1	HMI	HMI responsiveness has been improved
2.1	HMI	Visible feedback on button presses of the HMI
2.1	Dashboard	Can change background color on dashboard LED elements
2.1	Setup	Cal bug fixed
2.1	Dashboard	Custom fault function field
2.1	Comms	Extended custom fault function can define extended fault codes that can be accessed over modbus
2.1	Ext Device	Can take a value on an external device in a script and use it in the application
2.1	Comms	Can add 10000 and 00000 registers to the dashboard
2.1	Config	api req() is now added
2.1	Class C timer has default of 30 seconds. If trying to change a warning message will pop up	

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