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User manual HONEYWELL XI582
User guide HONEYWELL XI582
Operating instructions HONEYWELL XI582
Instructions for use HONEYWELL XI582
Instruction manual HONEYWELL XI582

Honeywell

XI581 / XI582

BUSWIDE OPERATOR INTERFACE

USER GUIDE

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EN2B-0126GE51 R0309



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Manual abstract:

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.103 *Revision information* The following pages have been changed from the previous issue of this document: Page: 97 Change: Explanation of the indication of the time synch master in the "Show All Devices" display by means of an asterisk has been inserted.. EN2B-0126GE51 R0309 ii XI581/XI582 BUSWIDE OPERATOR INTERFACE INTRODUCTION The XI581/XI582 Buswide Operator Interface allows you to view and change basic information programmed into an Excel controller. The controller information you can change depends on your security access level and is always restricted to basic information that controls day-to-day controller operation.

To make major database changes, you must use the XL-Online Operator and Service Software or Honeywell's Excel CARE software application programming tool. Controller models Excel controller models you can directly access include the 50, 100, 500, 500-XCL5010 (with XI582, only), 600, and 800. You can also indirectly access the following controllers: · Excel 10 Controllers via XI581/XI582 hookup to an Excel 10 Zone Manager Controller · Excel 20 Controllers via XI581/XI582 hookup to an Excel 500 or 600 Controller In addition, the XI581/XI582 can operate in the buswide access mode, which permits communication with remote controllers. Remote controllers can be any Excel controller that connects to the same C-bus as the Excel controller to which the XI581/XI582 is connected. NOTE: The Excel controllers must have up-to-date software that includes the buswide access mode feature.

The "GETTING STARTED" section describes buswide operation and restrictions. XI581/XI582 differences The XI581 (Fig. 1) and XI582 (Fig. 2) look and operate very much alike. The difference is that the XI581 mounts directly on the front of an Excel 500 or 600 Controller, while the XI582 is a desktop unit that you can place up to 50 ft. (15 m) away from an Excel controller or mount on a wall. NOTE: Since they cannot be connected to a controller-mounted operator terminal, the Excel 500-XCL5010 and s buswide capability, you can leave the XI582 attached to it and then access other controllers on the bus via remote login. For information about connecting to various controllers, see below. After connection, see "Screen Displays" (page 9) for details on XI582 screen displays. · Excel 100C Controllers have a RS232 serial port connection at the bottom of the device as shown in the following diagram.

An additional serial port connection is provided at the terminals on the base of the Excel 100C. A port selector switch is located on the front to select front or rear port (see below). **IMPORTANT** It is imperative that the Excel 100C Controller's port selector switch be properly set. Thus, after having operated an MMI via the front port, the switch has to be set back to its left position to reactivate a modem being connected to the rear terminals. If the switch is set to "front port", the rear terminals are deactivated, and vice versa. · Excel 500 and 600 Controllers have the serial port connection at the top of the controller as shown in the following diagram. SERIAL PORT FRONT PORT ACTIVE REAR TERMINALS ACTIVE C6982b EXCEL 100C CONNECTION SERIAL PORT SELECTOR PORT REAR TERMINALS FOR MODEM OR MMI CONNECTION EXCEL 500/600 CONNECTION Fig. 3. Excel 100C and Excel 500/600 MMI connection · The XC5010C CPU for Excel 500 has an additional serial port connection at the terminal block on the back of the unit and a switch on the front to select front or rear port. Fig.

4. Excel 500-XC5010C MMI connection · Excel 50 and Excel 500-XCL5010 Controllers require the XW582 cable which connects to the serial port on the bottom of the device as shown below. EN2B-0126GE51 R0309 4 XI581/XI582 BUSWIDE OPERATOR INTERFACE GETTING STARTED EXCEL 50 EXCEL 500-XCL5010 (REAR VIEW) SERIAL PORT Fig. 5. Excel 50 and Excel 500-XCL5010 MMI connection · Excel 10 Zone Manager and Excel 100B Controllers have a serial port connection at the bottom of the device as shown in the following diagram.



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The XI581/XI582 reads the data for the Excel 10 Controllers that connect to the Excel 10 Zone Manager. EXCEL 10 ZONE MANAGER AND EXCEL 100B CONNECTION SERIAL PORT Fig. 6. Excel 10 Zone Manager and Excel 100B MMI connection · The Excel 800 Controller Module (XCL8010A) features an RJ45 serial connection on the front (see Fig. 7) for connection (using the XW882 cable; alternately: the XW582 together with the XW586) of Human-Machine-Interfaces (HMIs).

5 ZM-Con_a EN2B-0126GE51 R0309 GETTING STARTED XI581/XI582 BUSWIDE OPERATOR INTERFACE HMI INTERFACE 71 COM a 72 COM b 73 24V~ 74 24V~0 COM a 75 COM b 76 24V~ 77 24V~0 78 Honeywell LON C-BUS RESET PC/HMI 87654321 87654321 ! 11 12 13 14 8 9 10 5 6 7 9.6k 76k S1 all mid end S2 Panel LON Modem 87654321 1 2 3 4 C-Bus I/O Bus Tx Rx LON C-Bus in C-Bus out Power/ Alarm Fig. 7. Excel 800 Controller Module and MMI connection Buswide Access Mode The buswide access mode allows communication between an XI581/XI582 and an Excel controller that is not directly connected to the XI581/XI582. Communication can include reading from and writing to the remote controller as well as receiving alarm status information. For example, an XI581/XI582 attached to an Excel 500 Controller can log in to an Excel 100 Controller connected to the same system bus as the Excel 500 Controller. C-bus local Excel controller buswide access XI581 / XI582 remote Excel controller Fig. 8. Buswide access mode Connection capabilities depend on the version of the controller and whether it has buswide access mode software. Table 2 specifies the versions capable of the buswide access mode.

EN2B-0126GE51 R0309 6 XI581/XI582 BUSWIDE OPERATOR INTERFACE GETTING STARTED There are two buswide access modes (active and passive) for controllers that have this capability. · With active buswide access, a controller (for example, Controller A) can access another controller (Controller B) on the same bus if Controller B has at least passive access. C-bus Controller A active buswide access buswide access XI581 / XI582 Controller B active or passive buswide access Fig. 9. Active buswide access · With only passive buswide access mode, a controller (for example, Controller B) cannot access another controller (Controller A) on the same bus. However, since Controller B has at least the passive buswide access mode, Controller B can be accessed by another controller that has the active buswide access mode (in this case, Controller A). C-bus Controller A active buswide access X Controller B passive buswide access, only XI581 / XI582 Fig. 10. Passive buswide access To access a remote controller, you must first log in to the controller. Once you are logged into the remote controller, operation is almost the same as operating a local controller.

The menu structure used for operation is always that of the remote controller. 7 EN2B-0126GE51 R0309 GETTING STARTED XI581/XI582 BUSWIDE OPERATOR INTERFACE You cannot perform the following tasks while in the buswide access mode: · Set the controller number. · Set the communication baud rate. · Start up a new controller. Controller versions Some controller models (mainly older versions) do not support buswide functionality or support passive buswide functionality only after installation of a Firmware EPROM upgrade kit. Please contact your local branch or affiliate for further information on EPROM upgrade kits. Table 2. Buswide Access Capability of Different Devices device Excel 50, 100, 500, 600, 800 Controller Excel 20 Controller Excel 10 Zone Manager buswide access mode Yes, with Firmware EPROM Version Excel 500/600/800 1.03.00 or newer.

1 Version 1.01 cannot support the active access mode. 2 Passive buswide access mode, only. Excel 10 Zone Manager supports the passive buswide access mode only with Firmware EPROM Version 1.02.xx or newer 3. no XIP100 1 Excel 100/500/600 Controllers running under Firmware EPROM Version Excel 500/600 1.2.XX can be upgraded by changing the Firmware EPROM to Version 1.03.

The controllers then support full buswide functionality, i.e. passive and active buswide access. Excel 800 controllers support this with any firmware version, starting with 3.00.xx. Excel 100/500/600 Controllers running under Firmware EPROM Version Excel 500 Version 1.01 must be equipped with the Excel 1.01 upgrade kit for the buswide access mode. They then support the passive buswide access mode.

However, Version 1.01 Controllers do not support the active buswide access mode. Excel 800 controllers support this with any firmware version, starting with 3.00.xx.

2 3 Buswide alarms The XI581/XI582 does not directly report buswide alarms on screen, but you can set it to an "alarm standby" mode where it listens to the system bus and then reports the occurrence of a new alarm somewhere on the system bus. In a separate screen, you can view the contents of the alarm buffer which will tell you where on the system bus the new alarm has occurred. You can then log in to the appropriate controller and look in the alarm buffer of the remote controller to find the cause of the alarm. To enable the buswide alarm flag, set the XI581/XI582 to Alarm Standby Flag mode in the 'Buswide Access' screen. To enable receiving of buswide alarms, set the XI581/XI582 to 'Alarm Standby On'.

The "Alarm Information" section describes these options. When alarm standby is on and the alarm flag enabled, a screen symbol starts flashing as soon as a new buswide alarm arrives from somewhere on the system bus. NOTE: Local alarms will not show when you are logged in to a remote controller. The reading of a buswide alarm from an XI581/XI582 is independent of the XBS/XBS-i/XFI/EBI mechanism for alarm acknowledgment. Performance Only one buswide XI581/XI582 (local or remote) can be logged onto a controller at any one time. However, there is no restriction as to the total number of buswide XI581/XI582 used on the same system bus. When XBS PCs are also on the bus, there may be up to four XBS PCs on the same bus and one buswide XI581/XI582 that is in remote access at the same time. All XI581/XI582 are of equal priority, so that whichever device signs on first gains access to a controller and no other device (local or remote) can sign on to the same controller during this time. EN2B-0126GE51 R0309 8 XI581/XI582 BUSWIDE OPERATOR INTERFACE GETTING STARTED Screen Displays Initial screen displays depend on the status of the controller and its pending alarms. Powered controller After you plug an XI582 into a powered controller, the main menu appears in the display window.

An XI581 that is always attached to a controller typically displays the main menu unless an operator has penetrated to some other menu. Controller power-on The first display screen that appears after power-on is a message about the power failure.



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Use the Cancel key (C) to acknowledge the message. The main menu is displayed. If you press the controller's CPU reset switch, the controller restarts and the XI581/XI582 displays the 'title/copyright' screen. Memory Cleared If you push the CPU reset switch, everything in the controller is deleted. Use the CPU reset switch only for servicing. To reload the controller, follow the download procedure as explained in the Flash EPROM and RAM Management procedures (in the "ALPHABETIC REFERENCE" section). If the controller does not have Flash EPROM, use Excel CARE software to download the controller. Adjusting contrast The contrast of the display can be adjusted, using a screwdriver, by rotating the corresponding knob accessible through a hole at the rear of the device.

Pressing any of the eight operating keys activates the backlight. If no entries are made for approximately ten minutes, the backlight turns itself off automatically until a key is pressed again. CPU reset Operation The rest of this section describes the XI581/XI582 display area and its access levels. If you are familiar with this information, continue with the sign-on procedure in the "Local and Remote Sign-On and Sign-Off" section. 9 EN2B-0126GE51 R0309 GETTING STARTED XI581/XI582 BUSWIDE OPERATOR INTERFACE Display Area Description Fig.

11. MMI display area Display Window The XI581/XI582 display window is located above the keypad. The window presents system information, operator entries, and menus of functions that you can perform. Menu example For example, the following is the first menu (the main menu) that appears. It shows the controller name, the current time and date, and a list of functions you can select.

The word Password is highlighted (reverse video on the display) because it is the default selection. CONTROLLER_07 18:16! Running 15.12.1994 Password Alarms Time Programmes Trend Buffer Data Points System Clock System Data The buswide alarm flag (exclamation mark, !, in the top right-hand corner of the window) indicates that the buswide alarm notification mode is enabled. If it is blinking, an alarm has occurred. The "Alarm Information" section describes alarm display and acknowledgment. Time program window example The following window display appears when you select 'Time Programmes'. It lists the zones that have time programs and waits for operator selection of a zone. The scroll bar is on the right-hand side of the window. Time Programme Time Program 1 Ventil.

Sys Lighting 1 Heating zone east Heating zone west EN2B-0126GE51 R0309 10 XI581/XI582 BUSWIDE OPERATOR INTERFACE GETTING STARTED Scroll bar The XI581/XI582 display window can show six lines of information at a time. A scroll bar appears on the right-hand side of the window as shown in the 'Time Programme' window example: 1 The scroll bar allows you to quickly move through the items in the list so you can locate the one you want. The number indicates the number of pages being scrolled using the right and left arrow keys. Use the following keys to scroll (see Table 3). NOTE: With an Excel 50 directly connected or accessed via the buswide access mode, the display varies from that given for an Excel 100/500/600 controller. The left two-thirds show the MMI information of the Excel 50; the right third shows text equivalents of the four fast-access keys of the Excel 50 (see example below). AHU TUE 21:09 11:55 to 06:00 20.0 C TODAY NEXT PLANT TIME PARAMETERS ALARM Table 3. Scroll Key Descriptions key key name right arrow scroll description Move forward the selected number of pages. See the plus and minus key descriptions to select the number of pages.

The default is 1 page. Move backward the selected number of pages. See the plus and minus key descriptions to select the number of pages. The default is 1 page. Increment the number in the scroll bar by 1 (maximum 9).

For example, select 2 to scroll two pages. After selecting the number of pages, use the right arrow key to scroll the pages forward. Decrement the number in the scroll bar by 1. After selecting the number of pages, use the right arrow key to scroll the pages backwards. If you press the minus key while the number in the scroll bar is 1, a Less-Than symbol (<) appears.

If you then press the left arrow key, the first page in the list will be displayed. If you press the minus key again while the Less-Than symbol is in the scroll bar, a Greater-Than symbol (>) appears. If you then press the right arrow key, the last page in the list will be displayed. left arrow C6985 plus minus The next section describes the other keys available on the keypad as well as other functions for the right arrow, left arrow, plus, and minus keys. 11 EN2B-0126GE51 R0309 GETTING STARTED XI581/XI582 BUSWIDE OPERATOR INTERFACE Keypad The XI581/XI582 keypad has eight keys that control all operator entries. The following table describes the function of each key. Following the table are tips for moving the cursor around within the display window. Table 4. Description of Key Functions key key name Cancel description End the task you are performing and return to a previous display window. If you press this key after you modify a field, but before pressing Enter, , the XI581/XI582 erases any new information you input and retains the original information.

If you press this key after you modify a field and press Enter, , the XI581/XI582 retains the new information you input. left arrow Within a menu or a line of items, the left arrow moves the cursor from one column (or item) to another. Within a data field, the left arrow moves the cursor to the left one digit. right arrow Within a menu or a line of items, the right arrow moves the cursor from one column (or item) to another. Within a data field, the right arrow moves the cursor to the right one digit. down arrow Move the cursor to the next field, the next column, or to the next line in a column. C6985 up arrow Move the cursor to the previous field, the previous column, or to the previous line in a column. plus Increase the value of a digit by one (for example, from 2 to 3). You can also use this key to change the condition of a digital point. For example, press this key to flip a digital point from OFF to ON.

Decrease the value of a digit by one (for example, from 2 to 1). You can also use this key to change the condition of a digital point. For example, press this key to flip a digital point from OFF to ON. Enter and confirm input values or command choices for the controller. When you press this key, it allow modification of the highlighted field.

Pressing Enter () again stores the value in memory. minus Enter Moving between columns To move horizontally between columns in a menu or list, press the down arrow key until you reach the bottom of the column. When you press the down arrow key again, the cursor automatically jumps to the first item in the next column.



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1 If the cursor is on the first item in the first column, pressing the right arrow key moves the cursor to the first item in the second column. If the cursor is on the last item in the second column, pressing the down arrow key moves the cursor to the first item in the first column.

1 1 NOTE: In case not all entries are displayed (e.g. no password entered), this may differ slightly. Modifying a field To change information in a field, first use the arrow keys to move to and highlight the field. Then press Enter, . After the change is made, Enter () must be pressed again to confirm the change. EN2B-0126GE51 R0309 12 XI581/XI582 BUSWIDE OPERATOR INTERFACE Moving from field to field GETTING STARTED Once you begin modifying the digits in a field, you can move from digit to digit within that field using the arrow keys. However, to move to a different field, you must press Enter, , after making your last change to the field. The field is then highlighted. You can then use the arrow keys to move to and highlight the next field you wish to modify.

Point order in lists Display of "****" Points are listed according to hardware type. In other words, all analog points appear first, followed by digital points, and finally totalizer points. The string "****" means that no value is available. Operator Access Levels There are three access levels that control operator access to XI581/XI582 information. The access levels determine the information an operator can view and which tasks an operator can perform. Access level 1 Access level 1 is available to all operators and does not require a password. At level 1, you can view some, but not all, of the information programmed into the controller. You cannot modify any data. Specifically, access level 1 allows you to view the following: Passwords Time program information Point descriptions System clock Trend log Alarm information Buswide information To operate at level 2 or 3, an operator must enter a password. Passwords are four numerical characters and are controlled by the site administrator.

The "Level 2/3 Password Entry" section explains how to enter your password. Access level 2 allows you to view all information accessible to level-1 operators. In addition, you can modify time programs, set the system clock, and view totalizer information. You can also view and modify information in other controllers on the same system bus. Access level 3 allows you to perform all tasks accessible to level-1 and level-2 operators.

In addition, you can: · Modify point descriptions · Reset totalizers · Modify parameters · Change setpoints This access level should be reserved for only those users who are responsible and competent in HVAC engineering, such as a commissioning engineer. This is to avoid incorrect operation of the plant. This access level is required for setting the access levels of the other users. Access level 2 Access level 3 Access level chart The following chart summarizes the functions available at each access level. 13 EN2B-0126GE51 R0309 GETTING STARTED CONTROLLER_01 PASSWORD TIME PROGRAM DATA POINTS ALARMS TREND BUFFER SYSTEM CLOCK SYSTEM DATA XI581/XI582 BUSWIDE OPERATOR INTERFACE ACCESS LEVEL 1 LOWEST ACCESS ENTER PASSWORD VIEW TIME PROGRAM VIEW DATA POINT DESCRIPTION VIEW SYSTEM DATA VIEW BUSWIDE DATA VIEW SYSTEM CLOCK VIEW TREND LOG VIEW ALARMS CONTROLLER_01 TIME PROGRAM DATA POINTS TOTALIZERS ALARMS TREND BUFFER SYSTEM CLOCK SYSTEM DATA ACCESS LEVEL 2 MODIFY TIME PROGRAM VIEW DATA POINT DESCRIPTION VIEW TOTALIZERS VIEW SYSTEM DATA SET SYSTEM CLOCK VIEW TREND LOG VIEW ALARMS BUSWIDE ACCESS FLASH EPROM CONTROLLER_01 TIME PROGRAM DATA POINTS TOTALIZERS PARAMETERS ALARMS TREND BUFFER SYSTEM CLOCK SYSTEM DATA ACCESS LEVEL 3 HIGHEST ACCESS MODIFY TIME PROGRAM MODIFY DATA POINT DESCRIPTION RESET TOTALIZERS MODIFY PARAMETERS MODIFY SYSTEM DATA BUSWIDE ACCESS FLASH EPROM SET SYSTEM CLOCK VIEW TREND LOG VIEW ALARMS C6992-2 Fig.

12. Operator access level and corresponding functions of XI581/XI582 EN2B-0126GE51 R0309 14 XI581/XI582 BUSWIDE OPERATOR INTERFACE GETTING STARTED 15 EN2B-0126GE51 R0309 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS About this section This section details steps for common everyday procedures. The procedures are grouped by common functions as follows. Local and Remote Sign-on and Sign-off · Level-2 and level-3 password entry · Logging into a remote controller · Logging off from a remote controller · Signing off from a controller (local or remote) · Alarm Information · Viewing alarm information · Viewing buswide alarms · Enabling/disabling the buswide alarm mode and alarm flag · Acknowledging the buswide alarm flag Viewing point information Reviewing time program schedules Requesting a trend log in tabular or graphic format Listing status of totalizer points Controller information · Reading controller date and time · Viewing controller configuration data All these procedures, except listing totalizer status, are level-1 operator tasks. The totalizer function is a level-2 or level-3 operator task. Any procedures requiring access to a remote controller require log-in to that controller. Point vs. data point Note that XI581/XI582 refers to points as "data points". This document uses the term "point" except when the expression "data point" appears in XI581/XI582 screen displays. EXCEL 5000™ literature generally uses the term "points".

The terms have the same meaning, the "ALPHABETIC REFERENCE" section (page 49) for other procedures that you may use less frequently. See also Local and Remote Sign-On and Sign-Off Because the XI581/XI582 is powered whenever the controller it is connected to is powered, there is no "sign-on" and "sign-off" as for other types of operator terminals. Typically, when you plug an XI582 into a powered controller, the main menu will be displayed and you can begin selecting level-1 functions. Alternatively, you can enter a password to obtain access to level-2 or level-3 functions. The following are descriptions of the types of screen displays that occur depending on the status of the controller (powered or reset) and its alarms. Powered controller When you plug an XI582 into a powered controller, the main menu appears in the display window. A XI581 that is always attached to a controller typically displays the main menu unless an operator has penetrated to some other menu. You can press Cancel (C) repeatedly until the main menu is displayed. 16 EN2B-0126GE51 R0308 XI581/XI582 BUSWIDE OPERATOR INTERFACE Main menu (access level 1) EVERYDAY OPERATIONS CONTROLLER_01 18:16! Running 15.

12.1994 Password Alarms Time Programmes Trend Buffer Data Points System Clock System Data Level 1 operators Level 2 & 3 operators Controller power-on Level-1 operators do not have to enter a password.



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Level-2 and level-3 operators must enter a password to perform level-2 and level-3 operations. See "Level 2/3 Password Entry" (page 17) for details. The first display screen that appears after power-on is a message about the power failure.

Use the Cancel key (C) to acknowledge the message. The main menu will be displayed. This section describes the following procedures: · Level 2/3 password entry to enter a password if level-2 or level-3 functions are required · Logging into a remote controller to gain access to a controller that is not directly connected to the XI581/XI582 · Logging off from a remote controller to disconnect from a remote controller that you previously logged into · Signing off from a controller (local or remote) to return to the level-1 main menu. Procedures Level 2/3 Password Entry Purpose Procedure To sign on to an XI581/XI582 connected to a controller. 1.

After the XI581/XI582 is connected to a controller, the main menu automatically appears in the display window unless the controller is reset and needs to be downloaded. If the controller needs to be downloaded, the 'title/copyright' screen will be displayed. NOTE: If the main menu does not appear, press Cancel (C) until it does. RESULT: The main menu appears and lists information that level-1, -2, and -3 operators can view. The word Password is highlighted as the default selection. Level-2 and -3 operators 2. Level-2 and level-3 operators do not have to enter a password to perform a level-1 task. However, to perform a level-2 or level-3 task, you must enter a password using the 'Password' function. Press Enter () to select the 'Password' function. NOTE: If the 'Password' function is not highlighted, use the arrow keys to move to and highlight the item and then press Enter ().

RESULT: XI581/XI582 asks for your password. The display window shows four asterisks where you enter your password. Please enter your Password: ****
17 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS Password entry XI581/XI582 BUSWIDE OPERATOR INTERFACE 3. Press Enter () to select the password field (four asterisks). -- The display window shows a 5 as the first, left-most digit of the password field. -- If the first digit of your password is higher than 5, press the plus key (or the up arrow key) until the first digit of your password is correct. -- If the first digit of your password is lower than 5, press the minus key (or the down arrow key) until the first digit of your password is correct. -- Use the right arrow key to move the cursor to the second digit. Notice that the first digit becomes an asterisk again to maintain password privacy. Repeat this procedure until you have correctly input all digits in the password field.

If you incorrectly input a digit, press Cancel (C) to start over again with the first, left-most digit. Once the password is input, press Enter () to complete password entry. If the password is incorrect, software re-prompts for password entry. RESULT: If you correctly enter a password, the word Next will be displayed. For level-3 operators, the word 'Change' will also be displayed to allow you to change the password.

See the "Passwords" section for the procedure to change a password. Please enter your Password: **** Change Next Press Enter () to select Next. RESULT: The display window shows the main menu appropriate for the password you entered. NOTE: The main menu for access level 2 shows three items ('Time Programmes', 'Data Points', and 'Totalizers') in the left column, while the main menu for access level 3 shows four items ('Time Programmes', 'Data Points', 'Totalizers', and 'Parameters'). Main menu for access level 2 CONTROLLER_01 18:16 Running 15.

12.1994 Time Programmes Alarms Data Points Trend Buffer Totalizers System Clock System Data Main menu for access level 3 CONTROLLER_01 18:16 Running 15.12.1994 Time Programmes Alarms Data Points Trend Buffer Totalizers System Clock Parameters System Data 5. Select desired function. The rest of this manual contains procedure for each of the functions. EN2B-0126GE51 R0309 18 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS Logging into a Remote Controller Purpose Performance To initiate communication with a remote controller. Only one buswide XI581/XI582 (local or remote) can be logged onto a controller at any one time. However, there is no restriction as to the total number of buswide XI581/XI582 used on the same system bus. When XBS PCs are also on the bus, there may be up to four XBS PCs on the same bus and one buswide XI581/XI582 that is in remote access at the same time.

All XI581/XI582 Operator Terminals are of equal priority, so that whichever device signs on first gains access to a controller and no other device (local or remote) can sign on to the same controller during this time. Procedure 1. Sign on to the XI581/XI582 at the desired user level (1, 2, or 3). See section "Level 2/3 Password Entry" (page 17) if you do not know how. 2. At the main menu, use the arrow keys to move to and highlight System Data. Then press Enter () to complete the selection. RESULT: The display window shows system data, including the 'Buswide Access' option. In the following example, note that the local controller is CONTROLLER_01. System Data System Info HW-Interface Config.

Flash EPROM Buswide Access NOTE: The 'Flash EPROM' item will be displayed only if you signed on as a level-3 operator. 3. Use the arrow keys to move to and highlight Buswide Access. Then press Enter () to complete the selection. RESULT: The display window lists the buswide access options you can choose.

Buswide Access CONTROLLER_01 Remote Login Alarm Standby On Logoff Alarm Standby Flag Show All Devices Alarm Standby Off The option 'Logoff' appears below 'Remote Login' only if you have already logged in on the remote controller (i.e. a connection has been established). 'Logoff' can be used to sever the connection to the remote controller. See section "Logging Off from a Remote Controller" (page 21) for details.

4. Press Enter () to select Remote Login (highlighted default). RESULT: The display window lists all devices available for log-in. Controller name and number are shown for each device. Remote Login CONTROLLER_07 CONTROLLER_09 7 9 1 19 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS XI581/XI582 BUSWIDE OPERATOR INTERFACE 5. Use the arrow keys to move to and highlight the name of the desired controller. Press Enter () to complete the selection. RESULT: After about 5 seconds, the level-1 main menu of the selected controller will be displayed unless there is a pending alarm. If an alarm is pending in the remote controller, the alarm will be displayed instead of the menu. Press Cancel (C) and log in again to see the remote controller's main menu.



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The following example shows the result of selecting CONTROLLER_07. CONTROLLER_07 18:16! Running 15.12.1994 Password Alarms Time Programmes Trend Buffer Data Points System Clock System Data Excel 20 and Excel 50 Controllers The operator interface for Excel 20 and Excel 50 Controllers has only four lines and varies considerably from the screens in this manual. If you log into a remote Excel 20 or Excel 50 Controller, see the appropriate Controller User Guide for operator interface description and details. 6. Press Enter () to select Password. RESULT: The 'Password' screen will be displayed. Please enter your Password: **** Change Next 7. Press Enter () to have the same access level as the local controller. To have a higher access level, type in your password and press Enter (). RESULT: The main menu of the selected controller will be displayed. The following example shows level-3 access for CONTROLLER_07. CONTROLLER_07 18:16 Running 15.12.

1994 Time Programmes Alarms Data Points Trend Buffer Totalizers System Clock Parameters System Data If the selected device is already being accessed (locally or remotely), the log-in fails and the system displays the message "Device logged". Try again when the device is available. 8. Perform listed tasks as desired just as for a local controller. Log off from the remote controller when finished (see section "Logging Off from a Remote Controller", page 21, for details).

Buswide alarm flag If the buswide alarm flag was enabled on the local controller, the flag disappears after log-in to the remote controller. Set it for the remote controller again to reestablish it, if desired. See section "Alarm Information" (page 22) for procedures. EN2B-0126GE51 R0309 20 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS Logging Off from a Remote Controller Purpose Procedure To disconnect from a remote controller. 1. From the remote controller's main menu, use the arrow keys to move to and highlight System Data. Then press Enter () to complete the selection. RESULT: The display window shows system data, including the 'Buswide Access' option. System Data System Info HW-Interface Config. Flash EPROM Buswide Access NOTE: The 'Flash EPROM' item will be displayed only if you signed on as a level-3 operator.

2. Use the arrow keys to move to and highlight Buswide Access. Then press Enter () to complete the selection. RESULT: The display window lists the buswide access options you can choose for remote CONTROLLER_07. Buswide Access CONTROLLER_07 Remote Login Logoff Show All Devices 3. Use the arrow keys to move to and highlight Logoff. Then press Enter () to complete the selection. RESULT: Software logs off CONTROLLER_07 and displays the 'Remote Login' menu screen to allow you to log in to another controller. Remote Login CONTROLLER_07 CONTROLLER_09 7 9 1 4. Select a remote controller to log into or press Cancel (C) to return to the 'Buswide Access' screen for the local controller.

Controller Sign Off Purpose When you have finished using the XI581/XI582 Operator Terminal to access either a remote or local controller, sign off so no one else can access the controller at the same level that you accessed. To sign off, press Cancel (C) until the main menu appears with Password highlighted. Sign-off 21 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS Main menu XI581/XI582 BUSWIDE OPERATOR INTERFACE CONTROLLER_01 18:16! Running 15.12.1994 Password Alarms Time Programmes Trend Buffer Data Points System Clock System Data Auto sign-off If you are signed on to the XI581/XI582 and do not press any keys for 10 minutes, the operator terminal automatically signs you off.

Alarm Information This section describes how to view alarm information from the local controller as well as buswide alarms. For buswide alarms, the section describes how to set the buswide alarm mode and acknowledge the buswide alarm flag. Viewing Alarm Information Purpose To view selected alarm information, including the last 99 alarms, the controller has generated and stored in memory, all current alarms (critical and non-critical), current critical alarms, current non-critical alarms, and buswide alarms. All operators can perform this task. 1.

At the main menu, use the arrow keys to move to and highlight the Alarms option. Press Enter () to complete the selection. RESULT: The 'View Alarms' screen displays options for viewing alarm information. Select "Alarms" View Alarms Alarm Buffer All Points in Alarm Critical Points in Alarm Non Critical Points in Alarm Buswide Alarms Select desired option 2. Use the arrow keys to move to and highlight the desired option: EN2B-0126GE51 R0309 22 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS Table 5. Alarm Buffer Options and Alarm Type Options alarm buffer option Alarm Buffer is highlighted by default when the 'Alarms' screen is displayed. Press Enter () to select Alarm buffer. RESULT: The display window lists all alarms in controller memory. Exhaust_fan Cafe_room_temp Window_contact_17 1 Conf_room_temp alarm type options Press the arrow keys to move to and highlight the desired option (All Points in Alarm, Critical Points in Alarm, Non Critical Points in Alarm, or Buswide Alarms). Then press Enter () to complete the selection.

RESULT: The display window lists points (all, critical, or non critical) currently in alarm. All Points in Alarm: Exhaust_fan Cafe_room_temp Window_contact_17 1 Conf_room_temp Htg._zone_pump_1 Alarm Buffer 19.07.93 16:35 19.07.93 06:26 18.07.93 23:57 18.07.93 16:07 17.07.93 20:17 Htg._zone_pump_1 First column--The date the controller generated the alarm. The date appears in Date.

Month.Year (DD.MM.YY) notation where DD=1-31, MM=1-12, and YY=the last two digits of the year. NOTE: Alarm memory can contain 99 entries. All alarms may not be able to appear in the display window at the same time. To view alarms that do not display, press the right arrow key to display the next page. For other scroll bar functions, see the scroll bar Second column--The time the controller generated the alarm. description in the "GETTING STARTED" section. The time appears in 24-hour (HH.MM) notation where HH=00-23 and MM=00-59. Third column--The user address of the point in alarm. Select the desired alarm 3. Use the arrow keys to move to and highlight the specific alarm you want to view. Then press Enter () to complete the selection.

RESULT: The display window shows detailed information about the selected alarm. Alarm Buffer 19.07.93 12:03:31 Cafe_room_temp Alarm CPU not available Back with C-Button Second line Third line Fourth line Date and time the controller generated the alarm. User address of the alarm point. State or value of the point at the time the alarm was generated. If you selected an analog point, this line displays a value such as a temperature. If you selected a digital point, this line displays a status such as OFF or ON.



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Alarm text. Fifth line 4.

Press Cancel (C) to return to the list of alarms. Viewing Buswide Alarms Purpose Access level To view new critical and non-critical alarms that occurred on controllers other than the local controller. You can also view the alarm buffer of a remote controller. All users can perform this task. 23 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS Requirement Procedure XI581/XI582 BUSWIDE OPERATOR INTERFACE To enable viewing of buswide alarms, see section "Enabling/Disabling Buswide Alarm Mode and Alarm Flag" (page 24).

1. At the main menu, use the arrow keys to move to and highlight Alarms. Then press Enter () to complete the selection. RESULT: The 'View Alarms' screen will be displayed. View Alarms Alarm Buffer All Points in Alarm Critical Points in Alarm Non Critical Points in Alarm Buswide Alarms 2.

Use the arrow keys to move to and highlight Buswide Access. Then press Enter () to complete the selection. RESULT: The display window lists all devices available for log-in. Controller name and number as well as alarm status information list for each device. The number of the controller appears below 'No'.

An 'x' appears below an alarm header (Critical or Non Critical) to indicate the presence of an alarm. Buswide Alarms Name No Crit CONTROLLER_07 7 x CONTROLLER_09 9 x Non Crit x 1 3. Press the arrow keys to move to and highlight the desired controller. Then press Enter () to complete the selection.

RESULT: You are now logged into the alarm buffer of the selected remote controller.

4. View the alarm buffer using the same procedure as for a local controller. See section "Viewing Alarm Information" (page 22) for details if you do not know how. When you are through reading the buffer, log off the remote controller (press Cancel repeatedly). RESULT: Software removes the controller number character from the alarm buffer to indicate that the alarm(s) were viewed. Enabling/Disabling Buswide Alarm Mode and Alarm Flag Purpose Access level Procedure To set up XI581/XI582 so that it displays the alarm flag, !, when new buswide alarms occur. All users can perform this task. 1. At the main menu, use the arrow keys to move to and highlight System Data. Then press Enter () to complete the selection.

RESULT: The display window show system data, including the 'Buswide Access' option. EN2B-0126GE51 R0309 24 XI581/XI582 BUSWIDE OPERATOR INTERFACE System Data System Info HW-Interface Config. Flash EPROM Buswide Access EVERYDAY OPERATIONS 2. Use the arrow keys to move to and highlight Buswide Access. Then press Enter () to complete the selection.

RESULT: The display window lists the buswide access options you can choose. Buswide Access CONTROLLER_03 Remote Login Alarm Standby On Alarm Standby Flag Show All Devices Alarm Standby Off 3. Use the arrow keys to move to and highlight Alarm Standby On. Then press Enter () to complete the selection. RESULT: Software enables buswide alarm mode to enable receiving of buswide alarms into the buffer (the "Viewing Buswide Alarms" section describes the procedure).

The 'Buswide Access' screen remains on display. 4. Use the arrow keys to move to and highlight Alarm Standby Flag. Then press Enter () to complete the selection. RESULT: The system is set to place the buswide alarm flag, !, in the top righthand corner of most other windows. The 'Buswide Access' screen remains on display. 5. Press Cancel (C) to exit this screen and return to the main menu. Alarm standby flag example The following level-3 menu shows the exclamation mark, !, in the upper right-hand corner of the screen. CONTROLLER_01 18:16! Running 15.

12.1994 Time Programmes Alarms Data Points Trend Buffer Totalizers System Clock Parameters System Data When an alarm occurs, the flag starts blinking. Disable buswide alarm notification To disable alarm reporting, follow Steps 1 and 2 in the previous procedure. In Step 3, highlight Alarm Standby Off and press Enter () to complete the selection. The system removes the flag from all display windows. Acknowledging the Buswide Alarm Flag Purpose Procedure To notify the system that you saw the notification of a new buswide alarm (blinking exclamation mark, !, in the top right-hand corner of any display window). Use the arrow keys to move to and highlight the alarm flag. Then press Enter () to complete the selection. RESULT: The flag stops blinking but remains on display. 25 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS XI581/XI582 BUSWIDE OPERATOR INTERFACE The flag remains as long as buswide alarm notification is enabled.

See section "Enabling/Disabling Buswide Alarm Mode and Alarm Flag" (page 24) for details. Viewing Point Information Purpose To display point information for selected points. This procedure details only how to select points by their user addresses and how to display their associated point attributes. There are other options on the 'Data Points' screen that provide functions to modify point information and to select points by type or template. If there are many user addresses, it may be easier to select points by type or template.

The "Data Point Description Function" section describes these procedures in detail. Access level Procedure All users can perform this task. 1. At the main menu, use the arrow keys to move to and highlight Data Points. Press Enter () to complete the selection.

RESULT: The display window lists options for viewing point information. User Address is highlighted by default. Data Points User Address Manual Operation Accumul. Runtime Type Selection Points in Trend NOTE: Suppress Alarm Add Template Delete Template Modify Template Search The 'Add Template', 'Delete Template', and 'Modify Template' items do not display for level-1 operators, and 'Template Search' appears only if there are defined templates. 2. Press Enter () to select User Address. The other options on the 'Data Points' screen provide functions to modify point information and to select points by type or template. The "Data Point Description Function" section describes these procedures in detail. RESULT: The display window lists points (by user address) that you can view. Example: User Address Exhaust_fan Hall_main_lights Main_water_meter Conf_room_temp 1 On 000 23 m3 °C 1 Select the desired point 3.

Use the arrow keys to move to and highlight the point you wish to view. Then press Enter () to complete the selection. RESULT: The display window shows detailed information about the selected point in a series of windows. Most points require three windows to fully display their attributes. The following example shows the first window for a digital point. NOTE: Additional user-defined text for the point may appear on the second line. EN2B-0126GE51 R0309 26 XI581/XI582 BUSWIDE OPERATOR INTERFACE Htg_zone_pump_1 Status : ON Operating Mode: AUTO Trend Logging : OFF Back Next EVERYDAY OPERATIONS To move forward to the next page, highlight Next and press Enter ().



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To move backward a page, press Cancel (C). To return to the previous menu, highlight Back, and press Enter (). Second window example: Htg_zone_pump_1
Technical Address : 010205 Accumulated Runtime : 12736 h Service Interval : 500 h Hours Since Serviced: 398 h Back Next Third window example:
Htg_zone_pump_1 Last Changed : 15:36 07.

06.1993 Cycle Count : 656 Suppress Alarm : NO Back The information (or "attributes") appearing in a point description varies depending on the type of point you selected (digital, analog, or totalizer). For more information on the different point descriptions and their attributes, see section "Data Point Description Function" (page 49). 4. Use the arrow keys to move to and highlight Back and press Enter () to return to the list of points (by user address).

When you are finished, repeatedly press Cancel (C) to return to the main menu. See also Section "Data Point Description Function" (page 49) for attribute information; section "Selecting Points by Template" (page 56) for details on the Template search function; section "Selecting Points by Point Type" (page 57) for details on the Type search function. NOTE: In the case of Excel 800 controllers, the sensor offset cannot be accessed via the XI581/2; rather, XL-Online must be used, instead. Reviewing Time Program Schedules Purpose To display time program equipment start/stop schedules. For an overview of time programs (daily programs, weekly programs, annual programs, the TODAY program, and the special days program), see section "Time Programs" (page 76).

1. At the main menu, use the arrow keys to move to and highlight Time Programmes. Press Enter () to complete the selection. RESULT: The 'Time Programme' screen lists available time programs. Select "Time programmes" 27 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS Time Programme XI581/XI582 BUSWIDE OPERATOR INTERFACE Time Program 1 Ventil. Sys Lighting 1 Heating zone east Heating zone west NOTE: Select the desired time program All time programs may not be able to appear in the display window at the same time. 2. Use the arrow keys to move to and highlight the desired time program. Then press Enter () to complete the selection. RESULT: The top line of the window displays the selected time program.

The remaining lines display the types of time programs. Time Programme Time Program 1 Today Daily Programme Weekly Programme Annual Programme Special Days Select the desired type of time program 3. Use the arrow keys to move to and highlight the desired type of time program (such as TODAY) and then press Enter () to complete the selection. TODAY Program Daily Programme Lists TODAY program start/stop times. Shows a menu to view data, prompts for selection of the desired daily program, and then displays associated switching point data. Lists the daily program assigned to each day of the week.

Prompts for starting date and then displays the daily program assigned to each day of the year. Shows a menu to view data and then lists the daily program assigned to special days (holidays) of the year. Weekly Programme Annual Programme Special Days For more information on the types of time programs, see section "Time Programs" (page 76). RESULT: The top line of the display window shows the selected time program.

The remaining lines list time program information or show another menu depending on the type of time program selected. 4. When you are finished, repeatedly press Cancel (C) to step backwards and return to the main menu. Listing Totalizer Status Purpose Access level Select "Totalizers" To view totalizer information for points. You must have access level 2 or 3 to perform this task.

1. At the main menu, use the arrow keys to move to and highlight Totalizers. Press Enter () to complete the selection. EN2B-0126GE51 R0309 28 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS RESULT: The display window shows two options for listing totalizer data. Totalizers Service Interval All Totalizers Service interval All Totalizers Select the desired type of totalizer Displays a list of digital points and the number of hours. Displays a list of totalizer points and the value of the units assigned to them. 2. Use the arrow keys to move to and highlight the type of totalizer you want to view. Then press Enter () to complete the selection. RESULT: The display window lists totalizer points. Service Interval Supply_fan Exhaust_fan Burner Htg._zone_pump Cafe._hood h 1267s 1257n 4761 736n 123t NOTES: 1. All totalizer points may not be able to appear in the display window at the same time. 2.

The appearance of the 'Totalizer' screen differs slightly from that of the 'Service interval' screen, although they operate the same. Select the desired totalizer 3. Use the arrow keys to move to and highlight the specific totalizer you want to view. Press Enter () to complete the selection. RESULT: The display window shows detailed information about the selected totalizer. Service Interval : 1000 h Supply fan Reset : 1267 h : Yes/NO Back Service interval Number of hours a point can run before the controller generates a maintenance alarm. User Address (Supply fan) Number of hours the point has run since it was last serviced. The name of this field reflects the name of the totalizer point you selected. Zero the totalizer point after service. Reset NOTE: Additional user-defined text for the point may appear on the second line.

The "Totalizers" section has more details on totalizer options. 4. When you are finished, repeatedly press Cancel (C) to return to the main menu. 29 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS XI581/XI582 BUSWIDE OPERATOR INTERFACE Requesting a Trend Log Purpose Select "Trend Buffer" To request a trend log for a point and view the information in a table or in a graph. All users can perform this task.

1. At the main menu, use the arrow keys to move to and highlight Trend Buffer. Press Enter () to complete the selection. RESULT: The display window lists two options for viewing a trend log. Trend Buffer Table Graph Select the desired trend log format 2. Choose the desired option for viewing a trend log. -- Table is highlighted by default. Press Enter () to complete the selection. -- Use the arrow keys to move to and highlight Graph. Then press Enter () to complete the selection. RESULT: The display window lists points whose activity is recorded in the trend buffer. Trend Buffer Ventilation system Lighting Heating zone east Heating zone west Heating zone north NOTES: 1 1. The controller can collect and save trend log data for up to 20 points. The controller's trend log memory (buffer) can save the latest 200 point change-of-states. In the case of analog points, a value is saved when the point changes a specified amount.

In the case of digital points and totalizer points, each change of status is saved.



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2. All trend log points may not be able to appear in the display window at the same time. Select the desired trend log point 3. Use the arrow keys to move to and highlight the point whose trend log you want to view. Then press Enter () to complete the selection. EN2B-0126GE51 R0309 30 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS Table 6. Trend Log in Tabular and Graph Format Trend Log in Tabular Format RESULT: The display window shows the trend log for the selected point in a tabular format. Trend Buffer Exhaust_fan 16.07.

93 17:45 Switched off 16.07.93 08:30 Switched on 15.07.93 18:30 Switched off 15.

07.93 13:30 Switched on 15.07.93 12:00 Switched off Trend Log in Graph Format RESULT: The display window shows a graph. 26.

6 1 % 18.9 s n l n t 19.02.1993 16:40:00 C6993 ALARM Maneuver the graph using the following keys: First column--The date that the point's condition or value changed. The date appears in Date.Month.Year (DD.MM.YY) notation where DD=1-31, MM=1-12, and YY=the last two digits of the year. Key plus minus left or right arrow keys Enter () Graph Function Zooms in on graph.

Zooms out on graph. Scrolls graph left or right. Second column--The time that the point's conSwitches the trend log from a dition or value changed. The time appears graph format to a tabular format. in 24-hour (HH.MM) notation where HH=00-23 and MM=00-59. You can add an additional point to the trend log graph as long as the two points are different point Third column--A description of the change that types. For example, the first point is an analog took place. point and the second point is a digital point. With the graph of the first trend point displayed, press Cancel (C) to switch back to the list of points whose activity is recorded in a trend log.

Press the up and down arrow keys to highlight the additional point whose trend log you want to view. Then press Enter () to complete the selection. RESULT: The display window shows the trend log for the selected points in a graph format. 26.6 % 18.

9 ALARM 19.02.1993 16:40:00 C6994 4. Press Cancel (C) to return to the trend log point list. When you are finished, repeatedly press Cancel (C) to step backwards and to return to the main menu.

31 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS XI581/XI582 BUSWIDE OPERATOR INTERFACE Controller Information Reading the Controller Clock Purpose Select "System Clock" To read the controller date and time and the starting/ending daylight savings times. All users can perform this task. 1. At the main menu, use the arrow keys to move to and highlight System Clock. Press Enter () to complete the selection. RESULT: The display window lists two options for viewing controller clock information. System Clock Date / Time Daylight Savings Select the desired clock option 2. Select Date / Time to view controller clock or select Daylight Savings to view daylight savings time dates as follows: Table 7. Daylight Savings Time Date/time Date / Time is highlighted by default. Press Enter () to complete the selection.

RESULT: The display window shows the current date and time. Daylight savings time Use the arrow keys to move to and highlight Daylight Savings. Press Enter () to complete the selection. RESULT: The display window shows the dates the controller currently uses to determine when to run on Daylight Savings Time. System Clock Date: 23.07.1993 Time: 13:50 Back System Clock Daylight Savings Start: 25.03 End: 30.09 Back 3. Press Enter () to select Back (highlighted by default).

RESULT: The 'System Clock' screen is again displayed. 4. When you are finished, repeatedly press Cancel (C) to return to the main menu. Viewing Controller Configuration Data Purpose Access level Select "System Data" To view system data for the controller. All users can perform this task.

1. At the main menu, use the arrow keys to move to and highlight System Data. Press Enter () to complete the selection. EN2B-0126GE51 R0309 32 XI581/XI582 BUSWIDE OPERATOR INTERFACE EVERYDAY OPERATIONS RESULT: The 'System Data' screen displays four possible options (depending on access level). System Data System Info HW-Interface Config.

Flash EPROM Buswide Access System Info HW-Interface Config. Flash EPROM Displays names of project, application, controller and system version number. Provides access to the hardware interface configuration settings such as baud rates. Access to Flash EPROM functions. These functions include erasing Flash EPROM and saving application data from RAM to Flash EPROM. See section "Flash EPROM and RAM Management" (page 65) for details. Access to buswide access mode functions. These functions include: Display a list of all currently active bus devices (see section "Viewing Bus Devices", page 97). Initiate remote log-in to remote controllers (see section "Logging into a Remote Controller", page 19). Display buswide alarms (see section "Viewing Buswide Alarms", page 23).

Enable/disable buswide alarm notification (see section "Enabling/Disabling Buswide Alarm Mode and Alarm Flag", page 24) Buswide Access 2. To display more information for a controller, highlight Next and then press Enter () to complete the selection. The following screen will be displayed. System Info Project Name : Applic. Name : Controller Name: Burn Date : System Version : Project Name Applic. Name Controller Name Burn Date APPL_4 CONTROLLER_03 CONTROLLER_03 01.01.2000 14:30 V 2.04.01 Next Project name given during CARE engineering.

The name of the currently selected application in the controller. Controller's system name. Burn date of the application after it is saved in Flash (prior to that, '00.00.0000 00:00' is displayed; older applications display blanks).

Versions of the operating system. System Version 3. To display more information for a controller, highlight Next and press Enter (). The following screen displays the tool identification information. 33 EN2B-0126GE51 R0309 EVERYDAY OPERATIONS XI581/XI582 BUSWIDE OPERATOR INTERFACE Tool Identification Data Name: CARE Version: 3.

00.00 User Name: User ID: xxxxxxxx-xxx-xxx-xxx -xxxxxxxxxxx Back Next Tool Name Tool Version User Name User ID This is the name of the tool used to create the currently loaded application The version of the tool used to create the current application. The name of the user who created the current application. The license number of the tool used to create the current application. NOTE: In the case of CARE 4.00.00, there is no value for the "User ID" field. 4. To display more information for a controller, highlight Next and press Enter (). The following screen displays the AMA and ATX file revisions.

Operating Sequence Revision AMA Revision: ATX Revision: 1.16.1.12 1.16.1.12 Back This screen displays the revision numbers for the AMA and ATX files used to create the operating sequence.



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