Keypad and Display Module

The Keypad and Display Module operates in either an Advisory Level or in Edit Mode. Within Edit Mode there are 3 levels:

Feature Level

Section Level

Page Level

Each key functions differently, depending upon the current level. Use the keys to monitor and edit the application software as indicated in the chart.

KEY	ADVISORY LEVEL	FEATURE LEVEL	SECTION LEVEL	PAGE LEVEL
Enter	Prompts Password Entry	None	None	1. Open and close text entry field and Display Menu 2. Initiate communications in F43 - Enquiry
Clear Data	None	Return to Advisory Level	Return to Advisory Level	1. Return to Advisory Level 2. Close communications in F43 - Enquiry
Select Data	None	None	None	1. Increment Display Menu 2. In F01Sxx System Alarms goes to F11/F12Sxx Analog/Digital Alarms 3. In F48 Report Configuration goes to User Report Display 4. In F25 Point Involvement goes to Feature/Section being referenced
Print/Acknow	None	None	Send all Pages of Section to RS232 Port	1. Send Page to RS232 Port 2. Enter "Space" or open ASCII character menu in text entry fields 3. Close remote communications in F43 - Enquiry 4. Acknowledge alarm in F01 - User Type
+ / –	None	Decrement Feature	Decrement Section	1. Decrement Page 2. Enter "Dash" in text entry fields
Prompt/Assist	View unacknowledged alarms	None	None	1. Increment section at same page number 2. Initiate remote data collection in F43 - Enquiry 3. Clears ASCII character in text entry fields
Feature	None	Increment Feature from F01 after Password Entry	Return to Feature Level	1. Return to Feature Level 2. Enter "Space" or open ASCII character menu in text entry fields 3. Increment Section in F49 - User Type
Section	None	Increment Section from F01S01 after Password Entry	Increment Section	1. Return to Section Level 2. Increment Section in F48 - Report Configuration 3. Increment ASCII character menu in text entry fields
Page	None	Increment Page from F01S01P01 after Password Entry	Increment Page	1. Increment Page 2. Decrement ASCII character menu in text entry fields
Decimal	None	None	None	1. Enter decimal point/full stop in text entry fields 2. Request refresh of data collection in F43 - Enquiry
0 to 9 Numeric	Password Entry	Selects specific Feature by number	Selects Specific Section by number	1. Selects specific page by number 2. Enter numeric data in text entry fields 3. Open next ASCII character menu in text entry fields

The ISN Advantage

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Keypad and Display Module

The ISN Advantage

Part Number: 371-04489-000 (Keypad and Display Module 24 VDC and 24 VAC)
371-04491-000 (Keypad and Display 24 VDC only)
371-03663-000 (Display Bezel)

IMPORTANT: The 371-04489-000 Keypad and Display Module accepts 24 VDC and 24 VAC and is required for new OCSX devices such as the CX-TC and ModLINC. It includes RJ-11 and RJ-45 cables. The 371-04491-000 is still available for older style controllers which supply 24 VDC only. It is supplied with an RJ-11 cable only.

The Keypad and Display Module is a versatile device used with many of YORK's control products, including UDC, IDC, CX-UDC, CX-IDC, CX-TC, and ModLINC devices. It provides a method for:

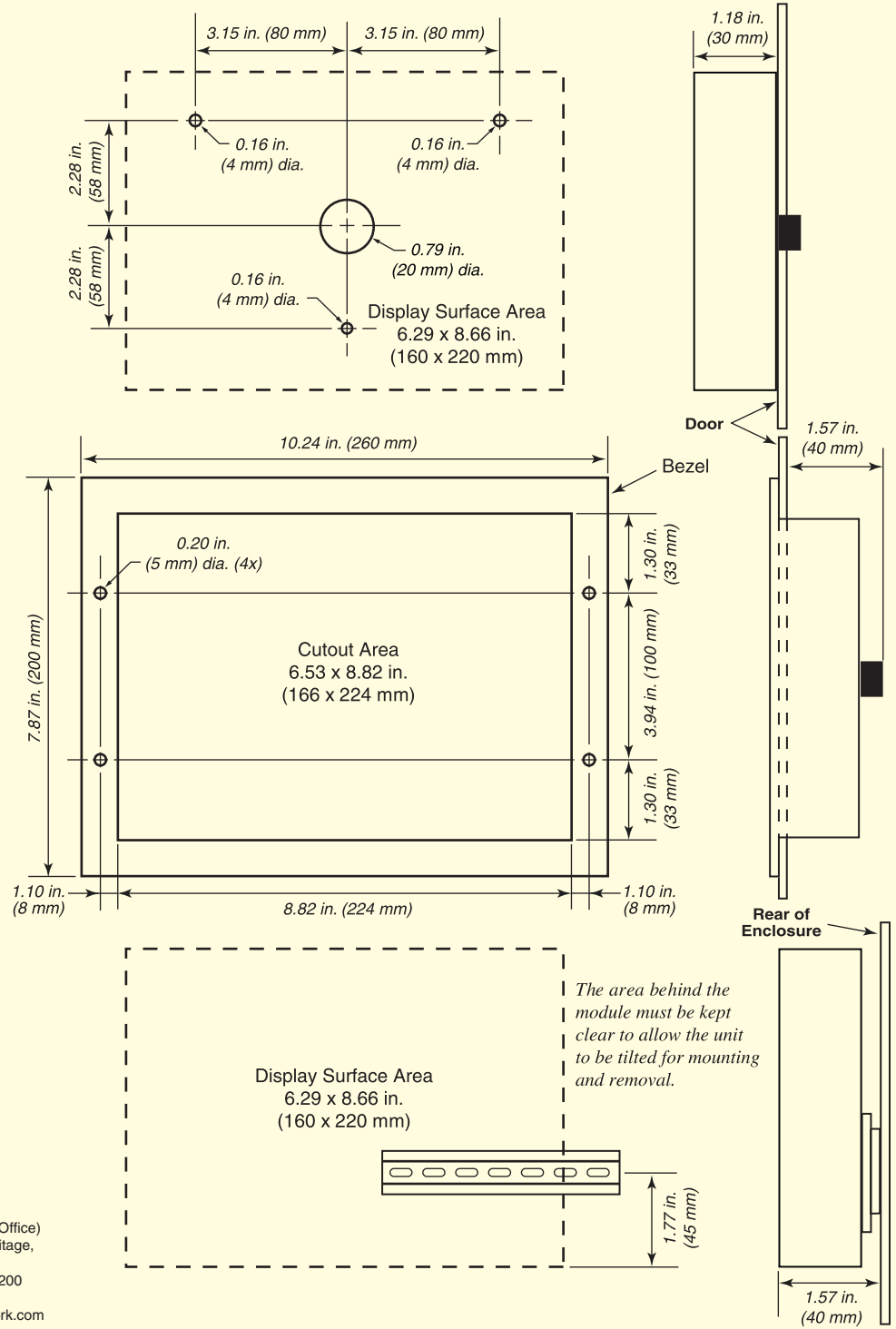
- *Monitoring of data.*
- *Access to the software commands and setups.*
- *Access to reports.*
- *Acknowledgement of alarms.*

The Keypad and Display Module may be installed directly on an enclosure or carried loosely as a service tool. For UDC and CX-UDC usage, it is typically mounted on the enclosure using a bezel that provides a finished appearance. It can also be located within the enclosure, limiting access to only those who have internal enclosure access.

For mounting in enclosures not supplied by YORK, the bezel may be purchased and installed in the panel door just like the YORK-supplied enclosure, or the module simply secured to a panel. Optional mounting clips are available which allow the module to use standard DIN rails.

Two 3 m (10 ft) cables are included. One, with RJ-11 plugs on each end, allows module connection to older devices. The second, with an RJ-45 plug, allows connection to OCSX devices. Connection to devices is made without powering down the controller to simplify connection when the Keypad and Display Module is used as a service tool.

The Keypad and Display Module must be grounded. If installed in a metal cabinet, the module is grounded through the mounting screws. If mounted remotely or on a plastic housing, a 16 AWG (1.5 mm²) ground wire must be installed. Attach one end to a mounting screw in the rear of the module and the other end to a ground/earth bar.



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