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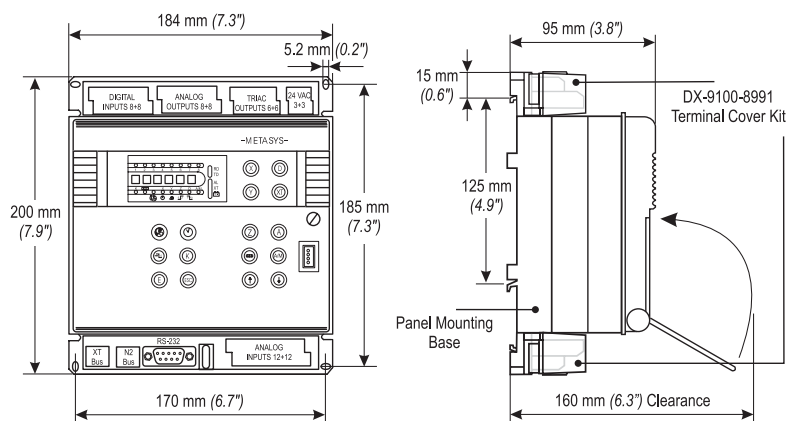
Metasys® Field Controllers N2 Bus DX-9100 Extended Digital Controller (1/3)



**DX-9100 Digital Controller
with LED Display
and Keyboard in Cabinet Door
Mounting Frame**



**DX-9100 Digital Controller
- Black Box -
on Panel Mounting Base**



Installation Details of Controller DX-9100-8454 with Panel Mounting Base

Selection Table

Analog Inputs	Binary Inputs	Analog Outputs	Binary Outputs	Panel with LED Display	Power Supply	Communication Bus	Ordering Codes
8	8	2	6	YES	24 VAC ±10%, 50/60 Hz	N2	DX-9100-8154
8	8	8	6	YES			DX-9100-8454
8	8	8	6	NO (Black Box)			DX-9100-8004

Note: Refer to DX-9100 Technical Bulletin for details of the N2 Bus installation specifications.

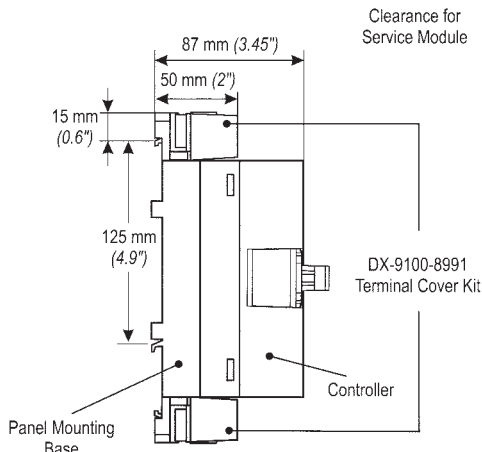
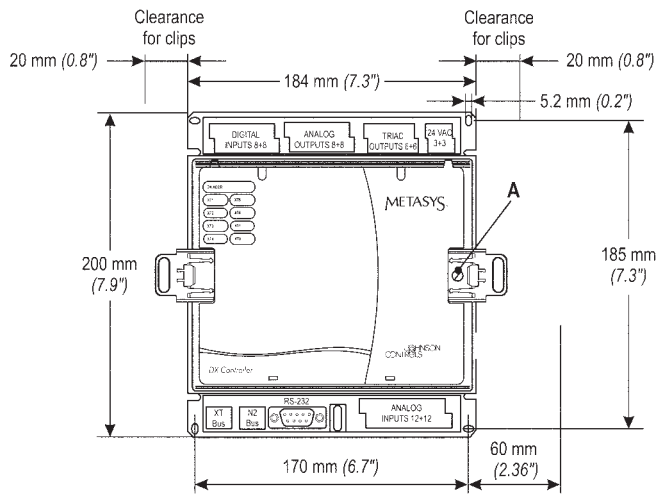
Description

The DX-9100 Digital Controller is the ideal digital control solution for multiple chiller or boiler plant control applications, for air handling units or for distributed lighting and related electrical equipment control applications. As a standalone controller, the DX has both the hardware and software flexibility to adapt to the control requirements in its targeted applications. Along with its outstanding control flexibility, the controller can extend its input and output point capability by communicating with input/output (I/O) extension modules on an extension bus. The controller provides monitoring and control of all connected points at an integral LED display and keyboard or from a separate DT-9100 display unit. The DT-9100 display unit, with a text and graphic LCD screen and keypad, provides a standard and customized presentation of data according to the application and customer requirements. Both the DX-9100 controller and the DT-9100 display unit can be mounted within an electrical enclosure or in a cabinet door, and the DT-9100 display unit can also be mounted directly onto the controller within a panel, on a wall or can be used as a portable device. When the DX controller is integrated into a Metasys® system, point and control information is available throughout the network and at all Metasys operator workstations.

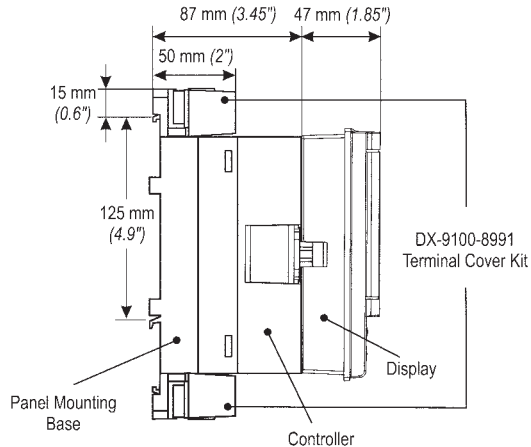
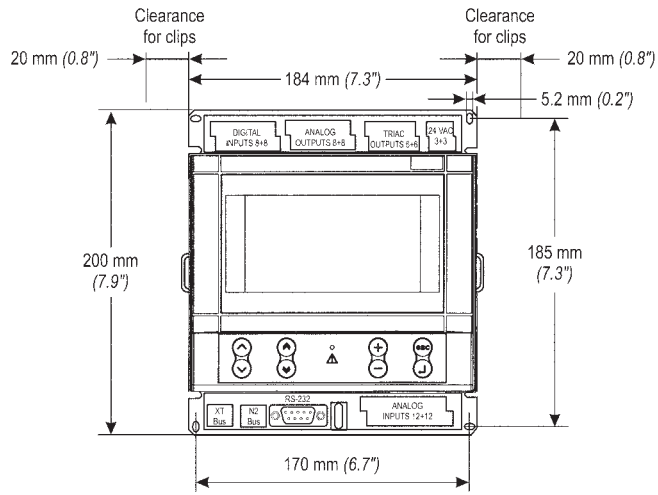
Features

- Full set of control algorithms in software modules
- Graphic configuration tool
- Standalone control
- Real-time clock and time programs
- Trend data storage
- Extension bus for additional I/O points
- Extension modules for a variety of analog and digital I/O combinations
- Model with integral display and control panel
- Text and graphic display unit (DT-9100) – for one or up to eight DX controllers on N2 Bus network
- Extension modules with manual override switches
- N2 Bus communications
- Dynamic data access capabilities with Metasys system network

Metasys® Field Controllers N2 Bus DX-9100 Extended Digital Controller (2/3)

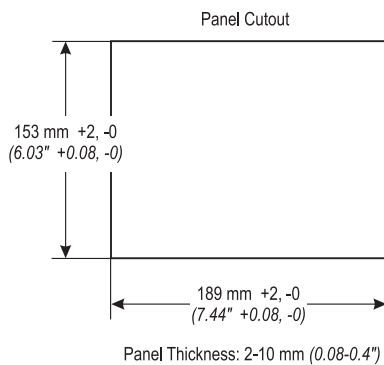
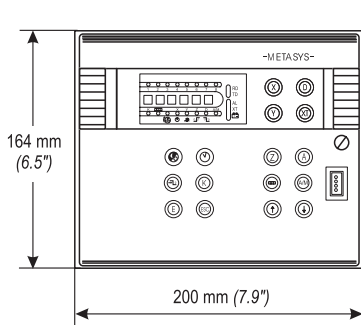


Black Box Controller DX-9100-8004
Dimensions in mm (inches)

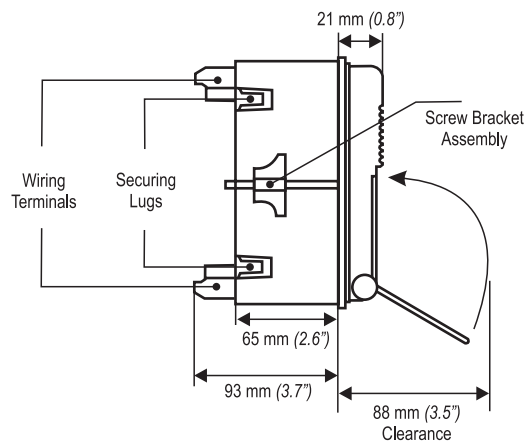


Black Box Controller DX-9100-8004
with LCD Display DT-9100-8204
Dimensions in mm (inches)

Installation Details of the DX-9100-8454 Controller with Cabinet Door Mounting Frame



Front View



Side View

Metasys® Field Controllers N2 Bus

DX-9100 Extended Digital Controller (3/3)

DT-9100 Display Unit

Description		Ordering Codes
Display unit with panel mounting kit for DX-9100-8004	24 VAC ±10%, 4 VA 50/60 Hz or 9 to 12 VDC, 2 VA	DT-9100-8204
Display unit wall mounting kit		DT-9100-8902
12 VDC power supply for 230 VAC source		DT-9100-8901

Software and Accessories - Selection Table

Description	Ordering Codes
Panel Mounting Base with Terminal covers for DX-9100-8454 and DX-9100-8004	DX-9100-8997
Cabinet Door Mounting Frame for DX-9100-8454	DX-9100-8996
Access protection key for DX-9100-8154 and DX-9100-8454	DC-9100-8905
Lithium Battery	DC-9100-6800

Note: For DX Configuration Tools Software contact your local Johnson Controls office.