

DomiOP eBIS33C

The eBIS33C Building Information System (eBIS) is a wall mount touchpanel designed for applications in building automation. It features a 10.4" TFT color graphic display with touchscreen interface. Support for 64K colors in the brilliant TFT display renders realistic images. The integrated 10/100 Ethernet interface and the modular communication architecture makes it the ideal solution for integration in building networks.



- 10.4" TFT color display, 64K colors
- VGA (640x480 pixel) resolution
- Resistive touchscreen
- 10/100 Ethernet interface
- USB host port for flash drives.
- Modular bus interface for KNX EIB (requires optional plug-in modules)
- Designed for wall/flush mount

Highlights

The eBIS interface panels are part of the DomiOP family of touchscreen products. All of the eBIS products support the rich common functionality of the UniOP interface panels:

- Powerful and intuitive programming with the UniOP Designer 6 software
- Supports popular building automation networks such as KNX EIB and others (optional modules required)
- Integrated 10/100 Ethernet port for integration in larger control systems and for programming the device with Designer.
- USB host port for flash drives.
- Dual-driver communication capability
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Video input option
- Display dynamic data in numerical, text, bargraph and graphic image formats
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Analog gauge objects
- Powerful macro editor to configure touchscreen operation
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection
- Multilanguage applications. The number of runtime languages is limited only by the available memory. All text information in the application can be exported in Unicode format for easier translation.
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer using the Ethernet connection
- Eight level password protection
- Report printing to serial printer. Reports are freely configurable using Designer
- Ethernet-based UniNet network to share data between UniOP devices and to serve data using UniNet OPC Server
- Wall box available to optimize mounting in all kind of walls
- Optional color faceplates

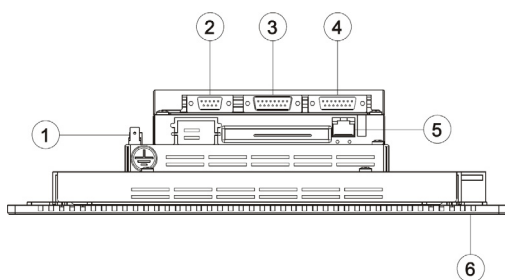
Technical Data

| | | |
|--|--|--|
| Display Type TFT Resolution VGA, 640x480 pixel Size 10.4" diagonal (218x159 mm) Colors 64K Backlight CCFL, 50000 h ^(note 1) Brightness 300 cd/m ² typ. Dimming Yes | | Recipe memory Yes. Flash memory storage limited only by available memory ⁽¹⁾ |
| Memory User memory 64 MB Flash Card Alternate user memory Optional removable 32/64 MB SSFDC memory card | | UniNet network Client/Server Alarms 1024 Event list 1024 Password Yes Hardware RTC Yes, battery backed Screen saver Yes Buzzer Yes, audible feedback for touch screen |
| Front panel Touch screen Analog resistive Function keys - System keys - User LED's - System LED's - | | Battery 3 V 285 mA Lithium, non rechargeable, user replaceable, RENATA model CR2430. Replace with same component or equivalent. |
| Interfaces PC/Printer port Yes PLC port RS-232, RS-485, RS-422, 20 mA Current Loop Ethernet port 10/100 Mbit USB port Host version 1.1 ⁽¹⁾ Aux port (fieldbus) Yes, with optional modules DX port (video input) Yes Serial programming speed 9600 – 38400 bps Slot for Local I/O - | | Ratings Power supply voltage 18 - 30 VDC Current consumption Max 1.2 A at 24 VDC Fuse Automatic Weight Approx 2.7 Kg |
| Functionality Vector graphics Yes Dual driver capability Yes Video input - Data acquisition and trends Yes | | Environmental Conditions Operating temperature 0 to 40 °C Storage temperature -20 to +70 °C Operating and storage humidity 5 – 85 % RH non-condensing Protection class IP20 |
| | | Dimensions Faceplate LxH 331x265 mm (13.03x10.43") Cutout AxB (wall mount box) 313x247 mm (12.32x9.72 ") Mounting depth C 78mm/3.07" Faceplate thickness D 6mm (0.24") |
| | | Dimensions box Faceplate HxL 247mm/9.72" 313mm/12.32" Mounting depth C 84mm/3.30" |

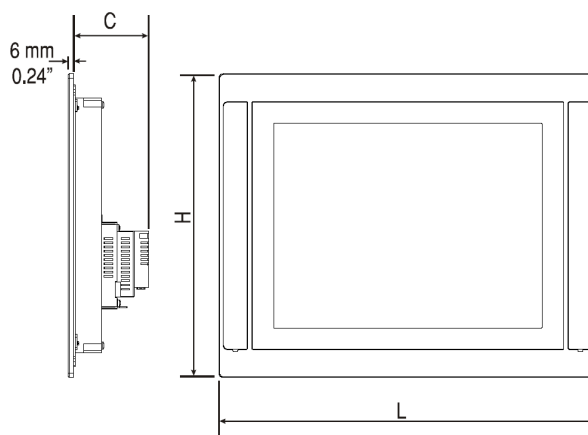
Note 1: operation of the built-in USB interface and recipe storage to flash memory require an appropriate firmware version and use of Designer 6.07 or higher.

The product is designed for installation in residential environments in compliance with the regulations:

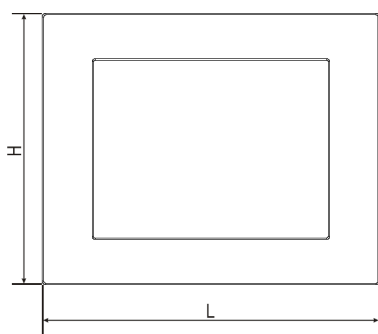
Emitted interference & Noise immunity: EN 55022 (CISPR 22)(Class B) EN 55024, EN 50090-2-2 + EN 50090-2-2/A1, EN 60669-2-1, EN 61000-6-1, EN 61000-6-3



- 1 Power
- 2 Aux Port
- 3 PLC Port
- 4 PC/Printer Port
- 5 Ethernet Port (only for programming)
- 6 USB port for flash memory

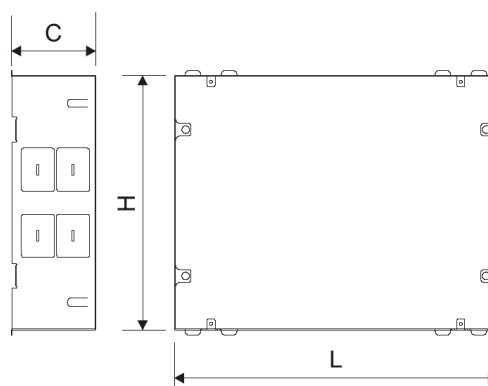


Bottom view



COVERxx (Not supplied with panel)

Side and front view



BOXxx-01 (Not supplied with panel)

Ordering Information

| | |
|------------|--|
| eBIS33C | 10.4" XGA TFT color panel with touchscreen |
| TCM17C | KNX EIB interface module |
| BOX33-01 | Wall mount box for eBIS33C/133C |
| COVER33-01 | Cover frame for eBIS 33C/133C - black |
| COVER33-02 | Cover frame for eBIS 33C/133C - white |

Tn259-2

Ver. 1.2

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