

DomiOP eBIS06

The eBIS06 embedded Building Information System (eBIS) is a wall mount touchpanel designed for low-cost applications in building automation. It features a 5.7" TFT color graphic display with touchscreen interface and LED backlight. The modular communication architecture makes it the ideal solution for integration in building networks.



- 5.7" TFT color display
- LED backlight
- 1/4 VGA (320x240) resolution
- Resistive touchscreen
- Connection to bus systems like KNX and Ethernet (requires optional plug-in modules)
- Designed for wall/flush mount
- 32 MB user memory

Highlights

The eBIS interface panels are part of 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 module required*)
- Optional 10/100 Ethernet port for integration in larger control systems and for programming the device with Designer (optional module required*).
- Dual-driver communication capability
- 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
- 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.
- Powerful macro editor to configure touchscreen operation
- 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

**) only one optional module can be plugged at a time.*

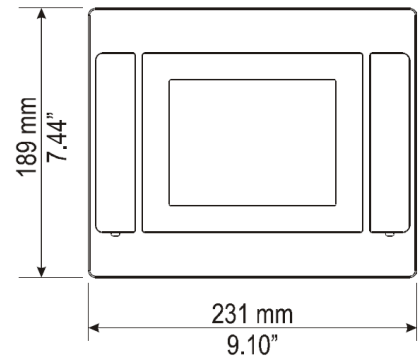
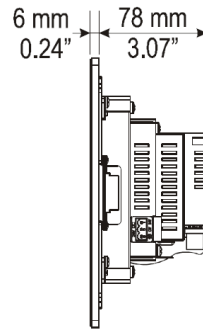
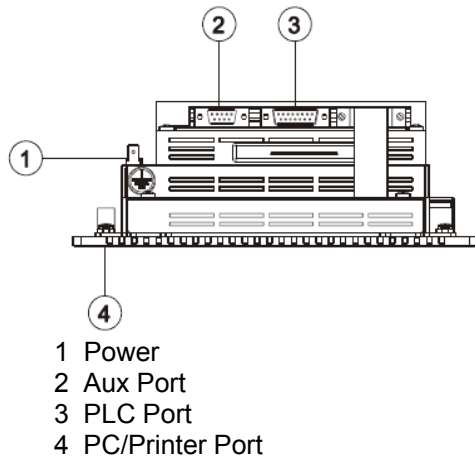
Technical Data

Display Type TFT Resolution 320x240 pixel Active display area 115x86 mm (5.7" diagonal) Colors 256 Backlight LED Brightness 130 Cd/m ² typ. Dimming No		Recipe memory 32 KB 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	
Memory User memory 32 MB Flash Card Alternate User memory		Battery 3 V 285 mA Lithium, non rechargeable, user replaceable, RENATA model CR2430. Replace with same component or equivalent.	
Front panel Touch screen Analog resistive Function keys - System keys - User LED's - System LED's -		Ratings Power supply voltage 18 - 30 VDC Current consumption 1A at 24Vdc(max.) Fuse Automatic Weight Approx 1.7 Kg	
Interfaces PC/Printer port Yes PLC port RS-232, RS-485, RS-422, 20 mA Current Loop Aux port (fieldbus and Ethernet) Yes, with optional modules ¹⁾ KNX Yes, with optional modules ¹⁾ DX port (video input) - Serial programming speed 9600 – 38400 bps Slot for Local I/O -		Environmental Conditions Operating temperature 5 to 40 °C Storage temperature -20 to +70 °C Operating and storage humidity 5 – 85 % RH non-condensing Protection class IP20 (front panel)	
Functionality Vector graphics No Dual driver capability Yes Video input No Data acquisition and trends Yes		Dimensions Faceplate LxH 231x189 mm (8.38x6.73") Cutout AxB (wall mount box) 213x171 mm (12.32x9.72 ") Mounting depth C 78mm/3.07" Faceplate thickness D 6mm (0.24")	
		Dimensions box Faceplate HxL 171mm/6.73" 213mm/8.38" Mounting depth C 84mm/3.30"	

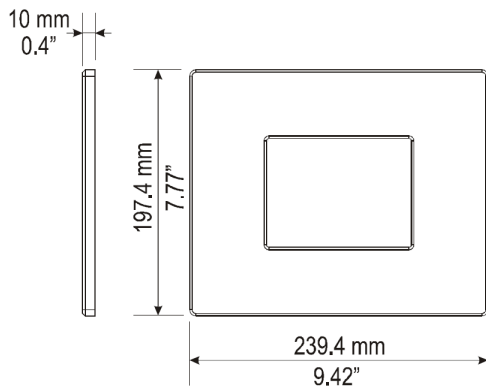
Note 1: only one optional module can be plugged at a time.

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

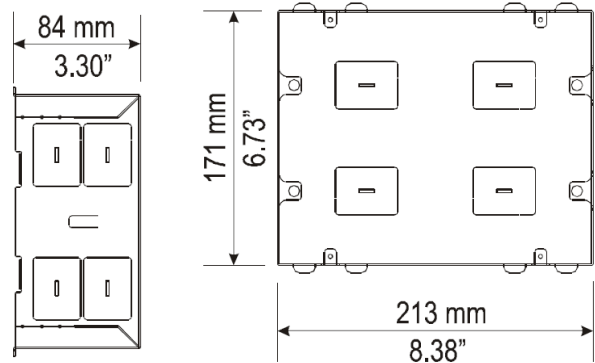


Bottom view



COVERxx (Not supplied with panel)

Side and front view



BOXxx-01 (Not supplied with panel)

Ordering Information

eBIS06	5.7" ¼ VGA TFT color panel with touchscreen
TCM17C	KNX/ EIB interface module
BOX11-01	Wall mount box for eBIS 11/06/06C/106C
COVER11-01	Cover frame for eBIS 11/06/06C/106C - black
COVER11-02	Cover frame for eBIS 11/06/06C/106C - white
DSOFT020	Designer Software Standard installation version 6 for programming

Tn295-1

Ver. 1.1

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