

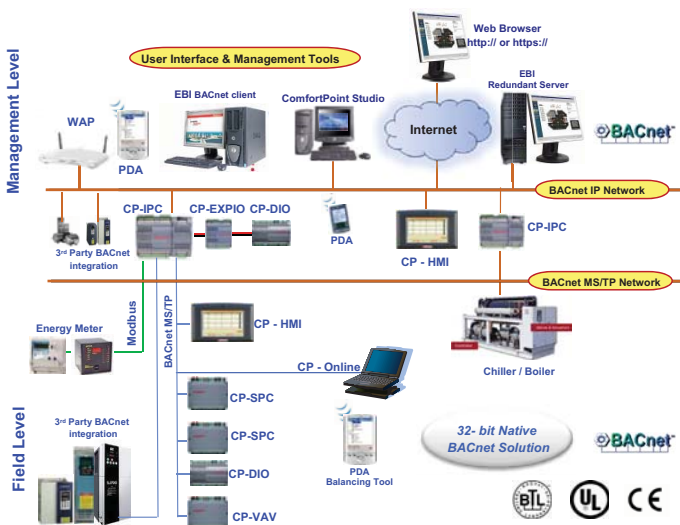
ComfortPoint™ CP-EXPIO

EXPANSION IO BOARD



- Expand point capacity of CP-IPC to maximum 128 I/Os
- Maximum fifteen CP-EXPIO modules per one CP-IPC
- Powerful processor to support faster IO scanning
- Flexible and easy configuration with ComfortPoint Studio

SYSTEM ARCHITECTURE



FEATURES

Powerful Processor

CP-EXPIO Expansion I/O Boards has Powerful processor on-board for fast input/output scanning.

Mixed Inputs and Outputs

CP - EXPIO Comes with a mix of 24 input and outputs to suit any application requirements.

Expandable

CP-IPC can connect to up to 15 Expansion IO Boards. All the Expansion IO board are connected on the same RS485 bus.

Programming and Configuration

ComfortPoint Studio allows user to add/delete/modify expansion boards and IO Assignment.

Addressing

Addressing of CP-EXPIO is done via onboard HEX Switch. The address can be between 1 to 15.

Firmware Upgrade

Firmware on the CP-EXPIO can be easily upgraded using ComfortPoint online.

Flexible mounting options

DIN-rail or Wall mounting.

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Note: The information provided herein are correct and up to date at the time of production. Due to Product renovation & technology upgrade, the specifications given in this data sheet are subject to change. Please contact your nearest HBS branch for current updates

SPECIFICATIONS

Electrical Data

Operating Voltage

- 24 VAC \pm 20%, 50/60 Hz, 15 VA
- 1 "power" LED

Power Consumption: Max. 15 VA,

Housing Material: ABS Plastic

Mounting

- DIN rail
- Wall mounting
- Protection Class: IP 20

Integrated I/Os

Digital Output

- 4 DOs, 24 VAC TRIACS with LED indication

Digital Input

- 6 DIs which can be configured as Potential-free contact or pulse counter @ 15 Hz
- LED Indication, illuminated when contact close

Analogue Output

- 6 AOs, 0-10 Vdc

Analogue Input

- 12 bit A/D resolution
- 8 Universal inputs
- 0/2 -10 Vdc, PT 1000 (-50 to +150) °C, NTC 20K (-50 to +150) °C

MTBF (Mean Time Between Failure) Data

- 100000 Hours or 11.4 Years

Environmental

Temperature

- Operation: (0 to 50) °C
- Storage: (-20 to +70) °C

Ambient Humidity (operation and storage)

- 5 to 93% relative humidity, non-condensing

Certifications

- CE
- UL 916

Models

- CP-EXPIO: 24 points on board

Hardware Interfaces

RS485C Connection

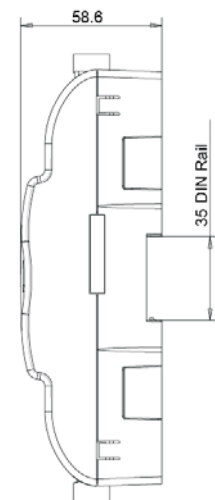
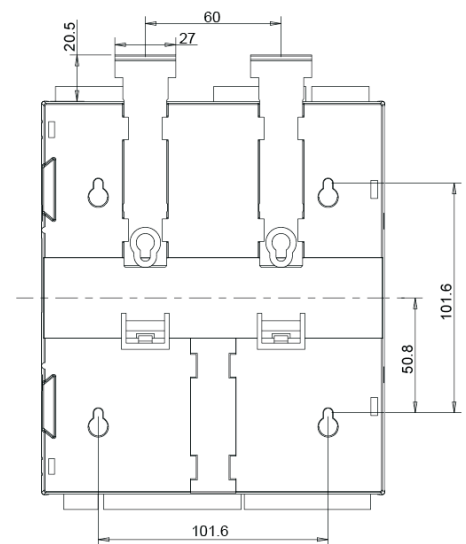
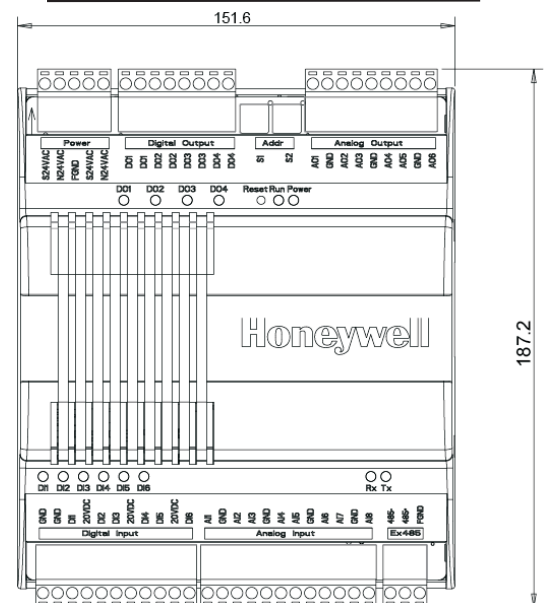
- Allows to connect CP-IPC and other Expansion IO Boards

HEX Switch

- For Addressing of EXPIO

Reset Button

DIMENSIONS



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