

ComfortPoint™ Open

CPO-PC400 PLANT CONTROLLER

MOUNTING INSTRUCTIONS

E	Keep these instructions together with the device or with the equipment documentation! Only qualified personnel may perform electrical connections for 230 VAC.	F	Cette instruction est à conserver avec le contrôleur ou avec la documentation de l'installation ! Le raccordement électrique pour le 230 VAC ne peut être effectué que par le personnel autorisé.	P	Guarde estas instruções junto do regulador ou junto da documentação da instalação! A ligação eléctrica a 230 VAC só deve ser efectuada por pessoal especializado.
D	Diese Anleitung ist beim Gerät oder in der Anlagendokumentation aufzubewahren! Elektrisches Anschließen von 230 VAC ist nur durch autorisiertes Fachpersonal gestattet.	I	Queste istruzioni devono essere conservate insieme al lettore o con la documentazione dell'impianto! I collegamenti a 230VCA devono essere eseguiti da personale qualificato.	S	Denna instruktion skall förvaras tillsammans med regler eller anläggningsdokumentationen! Elektrisk anslutning med 230 VAC får endast utföras av behörig personal.
DK	Opbevar denne vejledning sammen med regler eller med anlægsdokumentationen! Elektrisk tilslutning for 230 VAC bør kun foretages af autoriserede personer.	N	Denne vejledningen skal oppbevares sammen med regler eller anleggsdokumentasjonen! Elektrisk tilkopling med 230 VAC må kun utføres av fagfolk.	FI	Tätä ohjetta tulee säilyttää laitteen läheisyydessä tai yhdessä muiden dokumenttien kanssa! Vain asianmukaiset oikeudet omaava henkilö saa suorittaa 230 VAC käyttöjännitteen liitäntätöitä.
ES	Conserve estas instrucciones con el recalar o con la documentación de la instalación. La conexión eléctrica a 230 VCA debe hacerse solamente por personal cualificado.	NL	Deze handleiding moet bij de regelaar, of met de documentatie van de installatie worden bewaard! De elektrische aansluiting voor 230 VAC mag alleen door geautoriseerd personeel worden uitgevoerd.	PL	Instrukcję obsługi należy przechowywać przy urządzeniu albo w dokumentacji technicznej. Tylko autoryzowany serwis jest upoważniony do podłączenia do 230 VAT.
SC	請將此裝配說明書與設備或者與設備的其他文件儲存在一起！ 230 V 交流電的接線操作只允許由合格的专业人員執行	TC	請將此裝配說明書與設備或者與設備的其他文件儲存在一起！ 僅能由合格的專業人員進行230 V交流電的接線作業。	K	본 설치 설명서를 해당 장치 또는 관련 문서와 함께 보관하시기 바랍니다. 230VAC 전원 연결은 관련 작업 전문가에 의해 수행되어야 합니다.

TRADEMARK INFORMATION

ComfortPoint™ Open is a trademark of Honeywell International Inc.
BACnet® is a registered trademark of ASHRAE Inc.

SUPPORTED DOCUMENTS

- CPO-PC400 Datasheet (EN0B0076-IE10)
- CPO-PC400 Installation Guide (EN1B0077-IE10)

⚠ WARNING

Electrical Shock Hazard.

Can cause severe injury, death or property damage.

Disconnect the power supply before beginning installation to prevent electrical shock and equipment damage. More than one power supply may have to be disconnected.

When Installing This Product

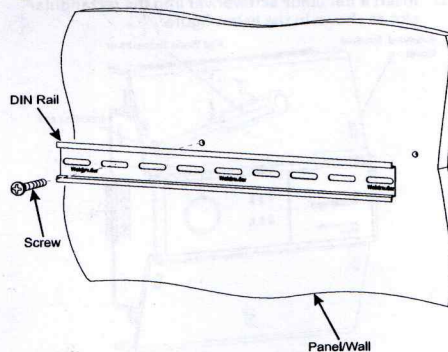
1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and marked on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check the product operation.
5. Be sure wiring complies with all applicable codes, ordinances and regulations.

INTRODUCTION

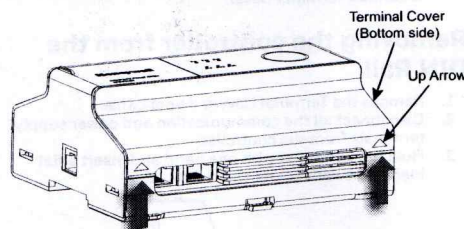
This document contains mounting instructions for CPO-PC400 controller and its accessories on DIN rail, wall, and Panel.

Mounting the Controller on a Wall/Panel Using DIN Rail

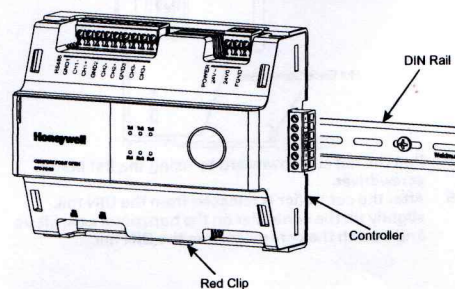
1. Mount the DIN rail on the wall/panel by using screws.



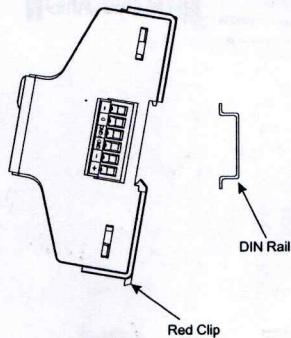
2. Remove the bottom Terminal Cover from the controller. Use your fingers to push the cover upwards as shown in the below figure.



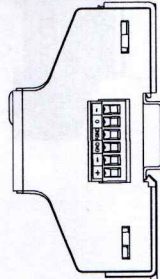
3. Remove the top Terminal Cover as described in the previous step.
4. Hold the controller in an orientation such that the red clip is facing downwards and towards the DIN rail.



5. Tilt the controller as shown in the below figure.



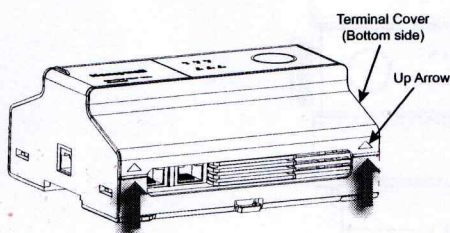
6. Mount the top side of the controller on the DIN rail and then push the bottom side of the controller until the red clip on the controller clamps with the DIN rail.



7. Connect the terminal wire and Ethernet cables.
8. Replace the terminal covers.

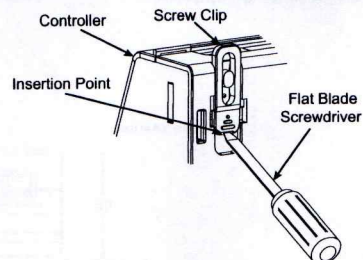
Mounting the controller on a Wall/Panel Using Screws

1. Remove the bottom Terminal Cover from the controller. Use your fingers to push the cover upwards as shown in the below figure.

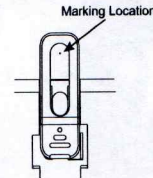


2. Remove the top Terminal Cover as described in the previous step.

3. Extend all the screw clips on the controller by placing a flat blade screwdriver on the slot as shown and slide out.



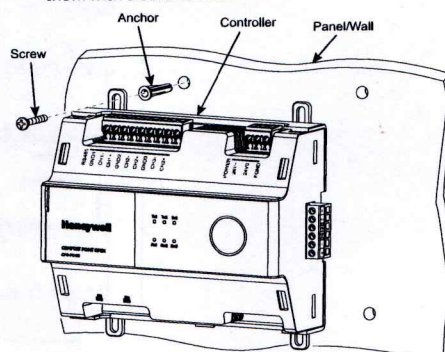
4. Hold the controller along the wall and mark four drilling locations through the **higher point of the screw clip slots** as shown in below figure.



5. Remove the controller from the wall and drill four holes at the marked locations.
6. Insert anchors into the four mounting screw holes.
7. Hold the controller along the wall/panel so that the holes are aligned.
8. Insert the screws into the topside holes first and fasten them with a screwdriver.

NOTE: It is recommended to use the 6-18 1" pan head Phillips tapping screws.

9. Insert the screws into the bottom holes and fasten them with a screwdriver.



10. Connect the terminal wires and Ethernet cables.
11. Replace the Terminal Cover or install the Extended Terminal Cover (for more information, see the "Extended Terminal Cover" section).

Extended Terminal Cover

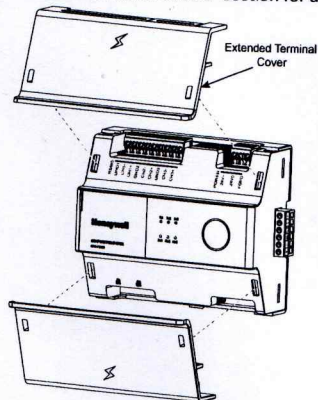
Extended Terminal Covers are used for protecting the controller terminals from being tampered and avoid human contact when the controller is mounted on a wall/door. These covers must be purchased separately.

Mounting Extended Terminal Covers

NOTE: The Extended Terminal Covers must be installed only after completing the terminal wirings.

1. Place the upper Extended Terminal Cover on the top side of the controller so that the rectangular slots of the controller and the rectangular clip of the Extended Terminal Cover are aligned.
2. Push the Extended Terminal Cover using both hands until the cover firmly attached to the controller.
3. Repeat the step above to mount the lower Extended Terminal Cover.

NOTE: To remove the Extended Terminal Cover, a flat blade screwdriver is required. See "Removing Extended Terminal Covers" section for details.

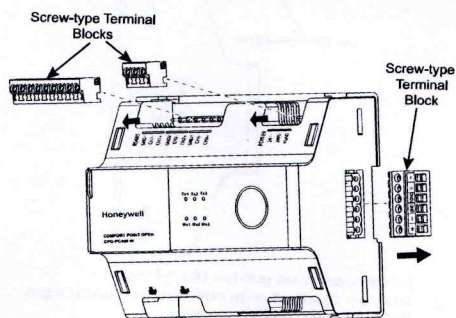


Terminal Blocks

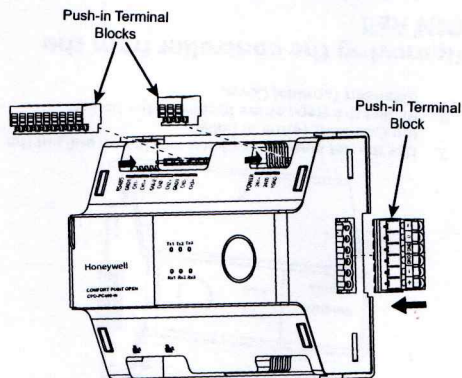
The controller has the Screw type terminal blocks by default, and these are removable. Additionally, the controller kit contains the Push-in type terminal blocks that are simple and easy to connect and disconnect the wires without any tools. Based on the site requirements, the user can use either use Push-in or Screw type terminal blocks.

Installing the Push-In Terminal Blocks

1. Remove the screw-type terminal blocks from the controller by gently pulling out using fingers or with the supplied tool.



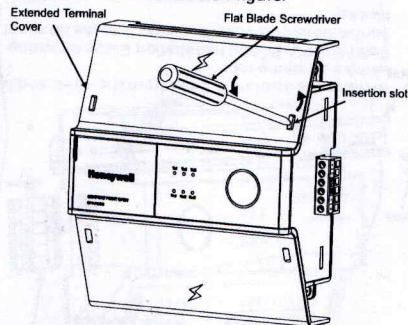
2. Install the Push-in terminal blocks onto the controller.



3. Remove the insulation 5mm from the wires' end by using a stripping tool.
4. Refer to CPO-PC400 Installation Guide for wiring connections and insert the wires into the terminal blocks.

Removing Extended Terminal Covers

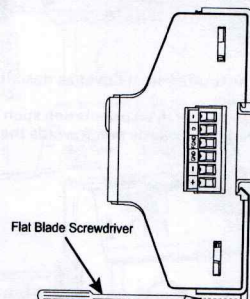
1. Insert a flat blade screwdriver into the rectangular slot as shown in the below figure.



2. Use the flat blade screwdriver as a lever, pull out the top Extended Terminal Cover.
3. Repeat the steps above to remove the bottom Extended Terminal Cover.

Removing the controller from the DIN Rail

1. Remove the Terminal Covers if applicable.
2. Disconnect all the communication and power supply terminals from the controller.
3. Hold the controller with one hand and insert a flat blade screwdriver into the red clip slot.



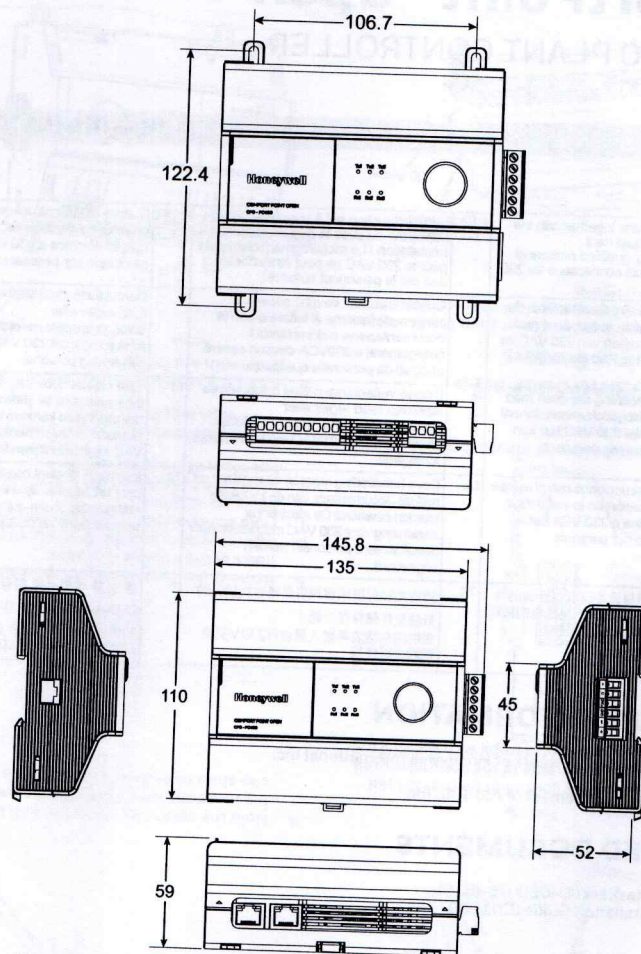
4. Pull the red clip downward by using the flat blade screwdriver.
5. After the controller is released from the DIN rail, slightly tilt the controller on the horizontal axis, lift up and detach the controller from the DIN rail.

Removing the controller from the Wall/Panel

1. Remove the Extended Terminal Covers if applicable (see the "Extended Terminal Cover" section).
2. Disconnect all the communication and power supply terminals from the controller.
3. Unscrew the bottom side screws first by using a screwdriver.
4. Hold the controller with one hand and unscrew the top side screws by using a screwdriver.

CPO-PC400 PLANT CONTROLLER

DIMENSIONS



*All dimensions are in mm

Honeywell Building Solutions

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