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Web Panels with TFT Display

User manual
UM EN WEB PANELS

User manual

Web Panels with TFT Display

2014-07-01

Designation: UM EN WEB PANELS

Revision: 02

Order No.: —

This user manual is valid for:

Designation	Order No.
WP 04T	2913632
WP 06T	2913645
WP 07T/WS	2700307
WP 09T/WS	2700309
WP 10T	2700934
WP 15T	2700935

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Published by

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
32825 Blomberg
GERMANY

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WP 04T, WP 06T, WP 07T/WS, WP 09T/WS, WP 10T, WP 15T

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6.7 WP 15T58

1 Important Notes

1.1 Symbols

The symbols in this manual are used to draw your attention on notes and dangers.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

There are three different categories of personal injury that are indicated with a signal word.



DANGER

This indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

This indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

This indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE

This symbol together with the signal word NOTE and the accompanying text alert the reader to a situation which may cause damage or malfunction to the device, hardware/software, or surrounding property.



This symbol and the accompanying text provide the reader with additional information or refer to detailed sources of information.

1.2 Safety Notes

- Read this manual carefully before using the operating device. Keep this manual in a place where it is always accessible to all users.
- Proper transportation, handling and storage, placement and installation of this product are prerequisites for its subsequent flawless and safe operation.
- This user manual contains the most important information for the safe operation of the device.
- The user manual, in particular the safety notes, must be observed by all personnel working with the device.
- Observe the accident prevention rules and regulations that apply to the operating site.
- Installation and operation must only be carried out by qualified and trained personnel.

1.3 Intended Use

- The device is designed for use in the industry.
- The device is state-of-the art and has been built to the latest standard safety requirements. However, dangerous situations or damage to the machine itself or other property can arise from the use of this device.
- The device fulfills the requirements of the EMC directives and harmonized European standards. Any modifications to the system can influence the EMC behavior.

**NOTICE: Radio Interference**

This is a class A device. This device may cause radio interference in residential areas. In this case, the user may be required to introduce appropriate countermeasures, and to bear the cost of same.

1.4 Target Group

The use of products described in this manual is oriented exclusively to:

- Qualified electricians or persons instructed by them, who are familiar with applicable standards and other regulations regarding electrical engineering and, in particular, the relevant safety concepts.
- Qualified application programmers and software engineers, who are familiar with the safety concepts of automation technology and applicable standards.

2 Installation and Commissioning

2.1 Unpacking the Device

Unpack all parts carefully and check the contents for any visible damage in transit. Also check whether the shipment matches the specifications on your delivery note.

If you notice damages in transit or discrepancies, please contact Phoenix Contact immediately.

2.2 Mounting the Device



NOTICE: Damage

When installing the device, leave a gap of at least 30 mm (1.181") around the device to ensure sufficient air circulation.



NOTICE: Damage

When the operating device is installed horizontally, please note that additional sources of heat beneath the operating device may result in heat accumulation.

Make sure to allow sufficient heat dissipation!

Please observe the permissible temperature range specified in the technical data of the user manual when operating the device.



NOTICE: Damage

In order to ensure the degree of protection specified in the technical data, always make sure that the seal lies flat against the mounting surface and the threaded pins of the mounting brackets are tightened uniformly to a maximum torque of 1 Nm.

The device can be easily and quickly mounted from the rear of the device. A panel thickness of 1 mm to 6 mm (0.039" to 0.236") is permitted for proper mounting.

1. Insert the device in the mounting cutout from the front.

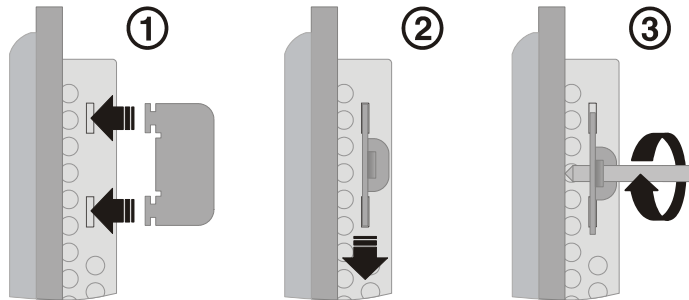


Figure 2-1 Mounting the device using a mounting bracket

2. Insert the mounting brackets into the appropriate openings (figure 1) and pull the brackets downwards until they lock in place (2).
3. Fasten the device into position using the threaded pins (3).

2.2.1 Front Panel Dimensions

2.2.1.1 WP 04T

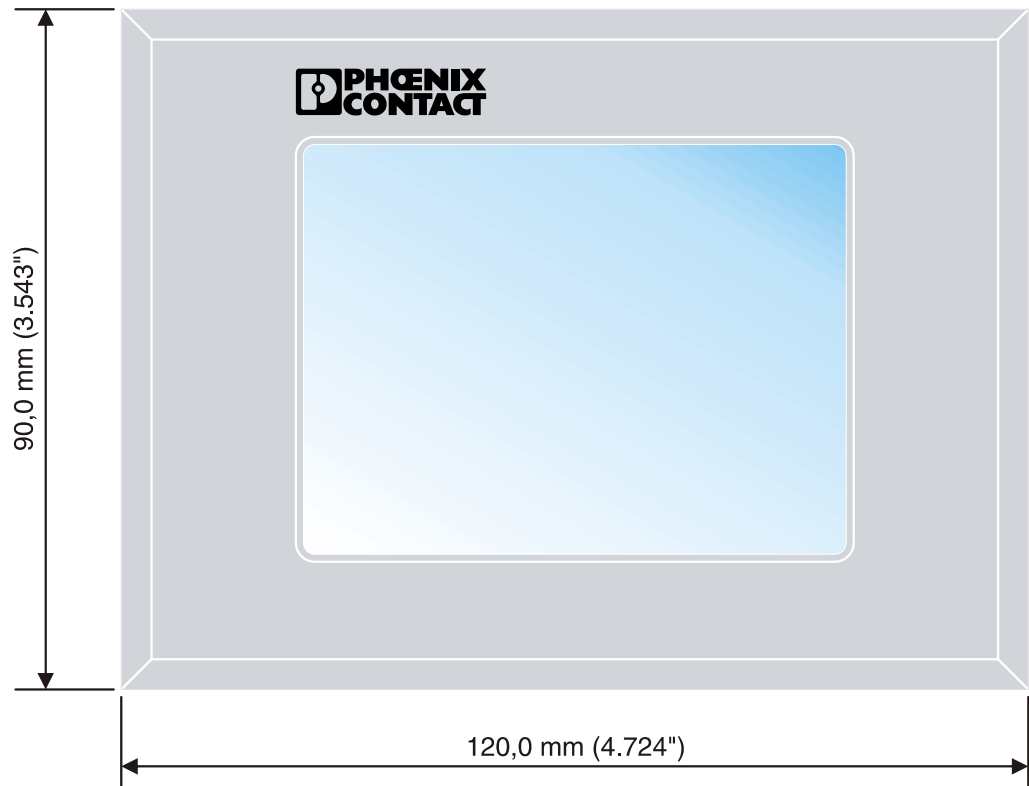


Figure 2-2 WP 04T

2.2.1.2 WP 06T

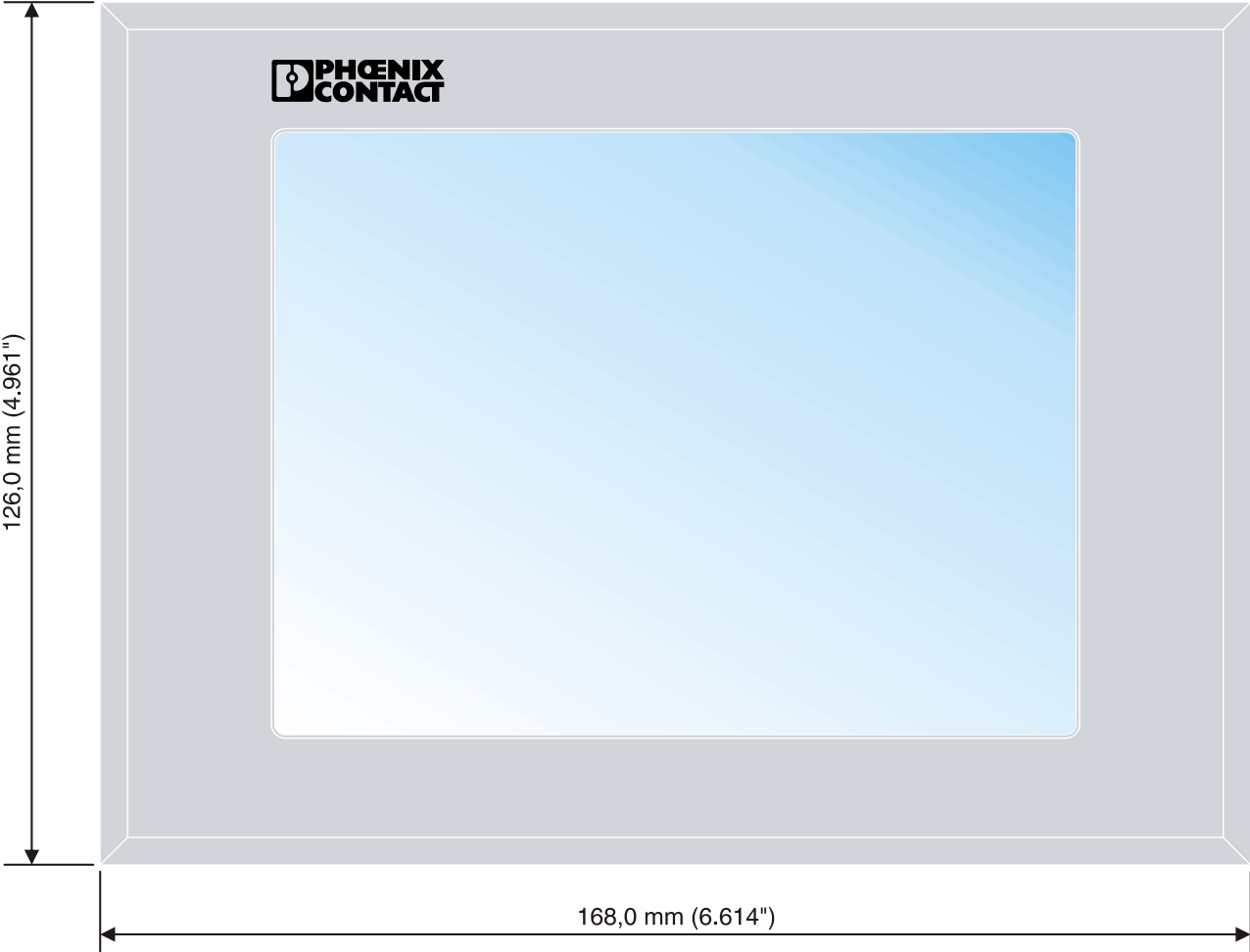


Figure 2-3 WP 06T

2.2.1.3 WP 07T/WS

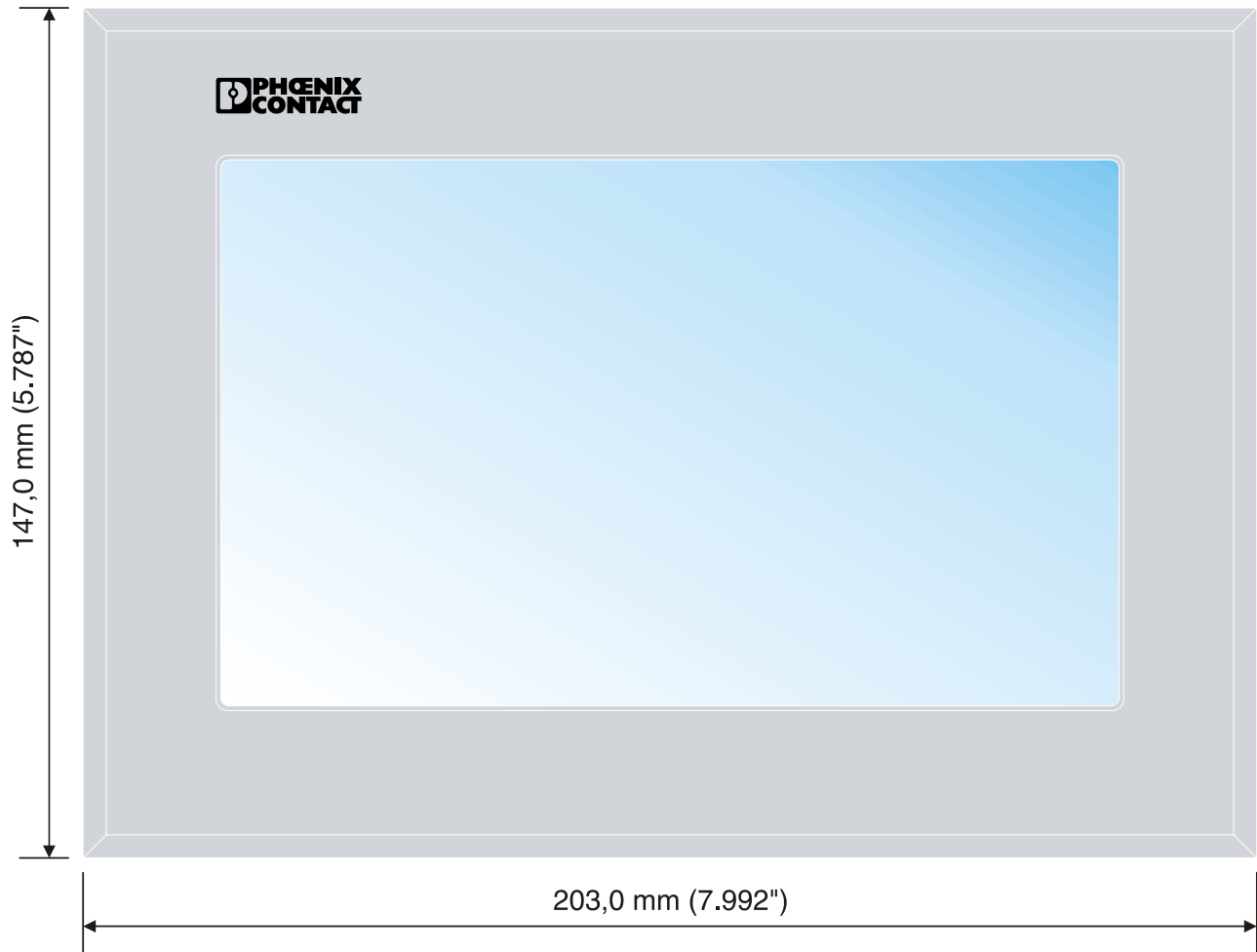


Figure 2-4 WP 07T/WS

2.2.1.4 WP 09T/WS



Figure 2-5 WP 09T/WS

2.2.1.5 WP 10T



Figure 2-6 WP 10T

2.2.1.6 WP 15T

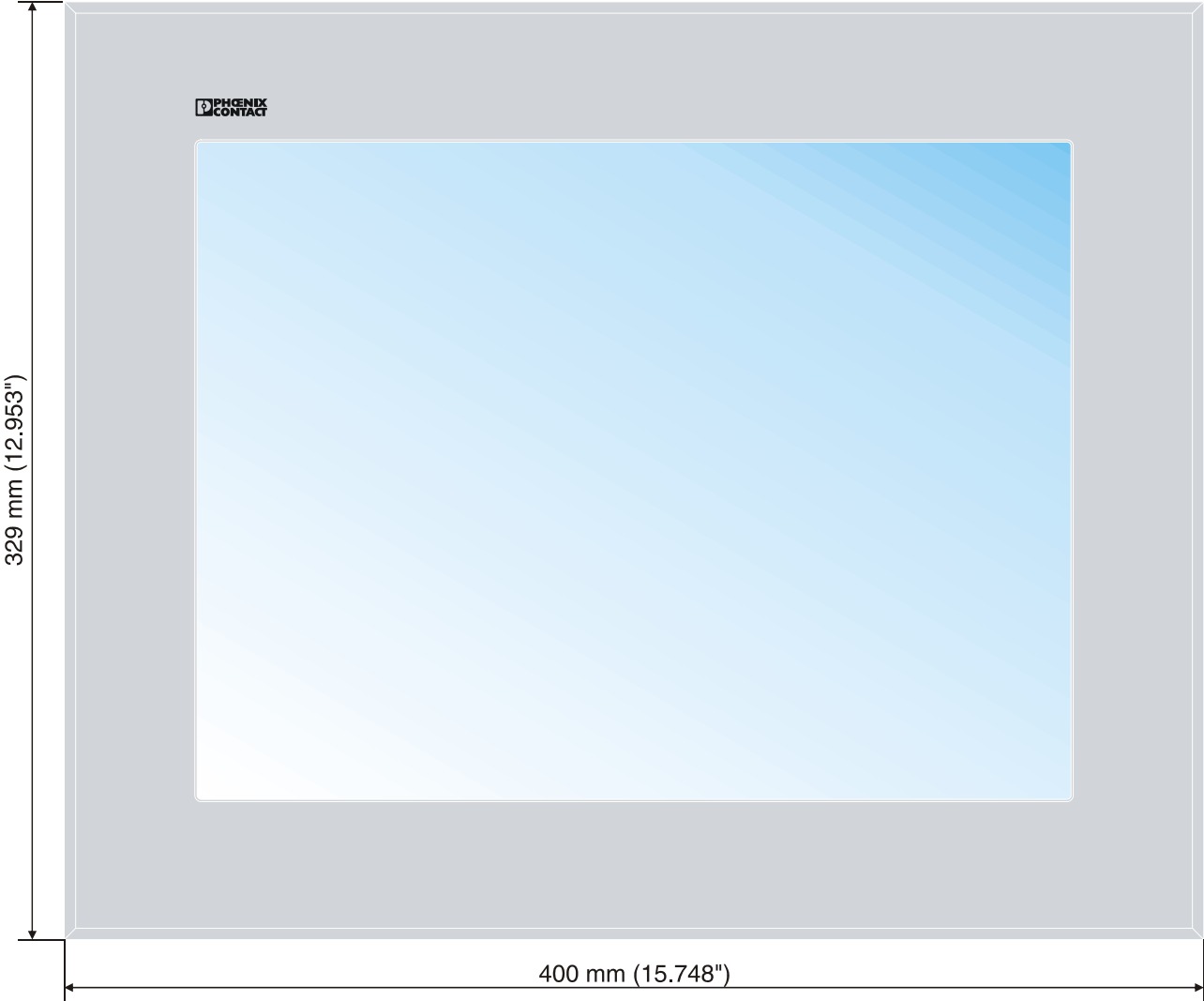


Figure 2-7 WP 15T

2.2.2 Mounting Cutout

2.2.2.1 WP 04T

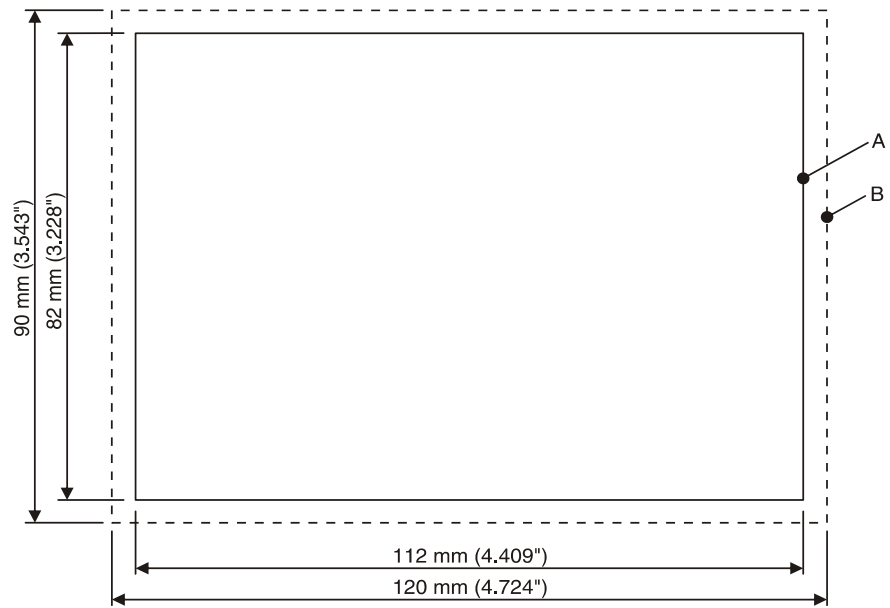


Figure 2-8 WP 04T

- A Mounting Cutout
- B Front Panel

2.2.2.2 WP 06T

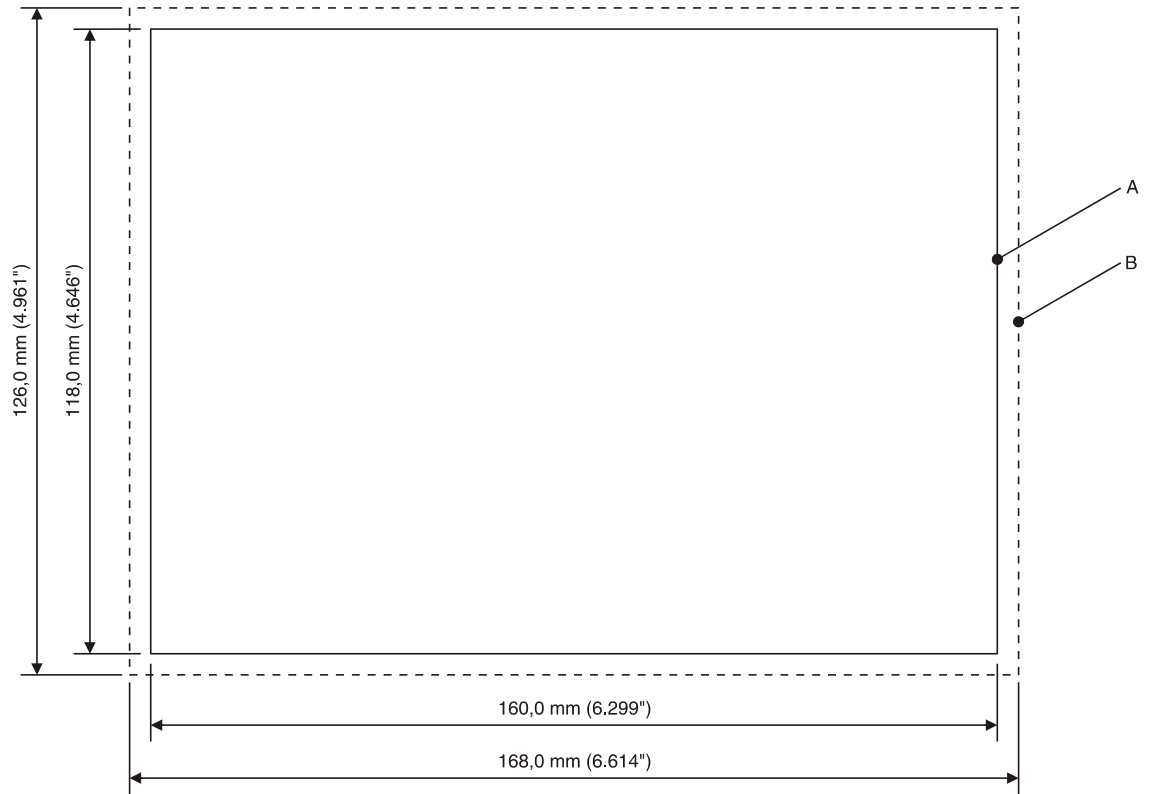


Figure 2-9 WP 06T

- A** Mounting Cutout
- B** Front Panel

2.2.2.3 WP 07T/WS

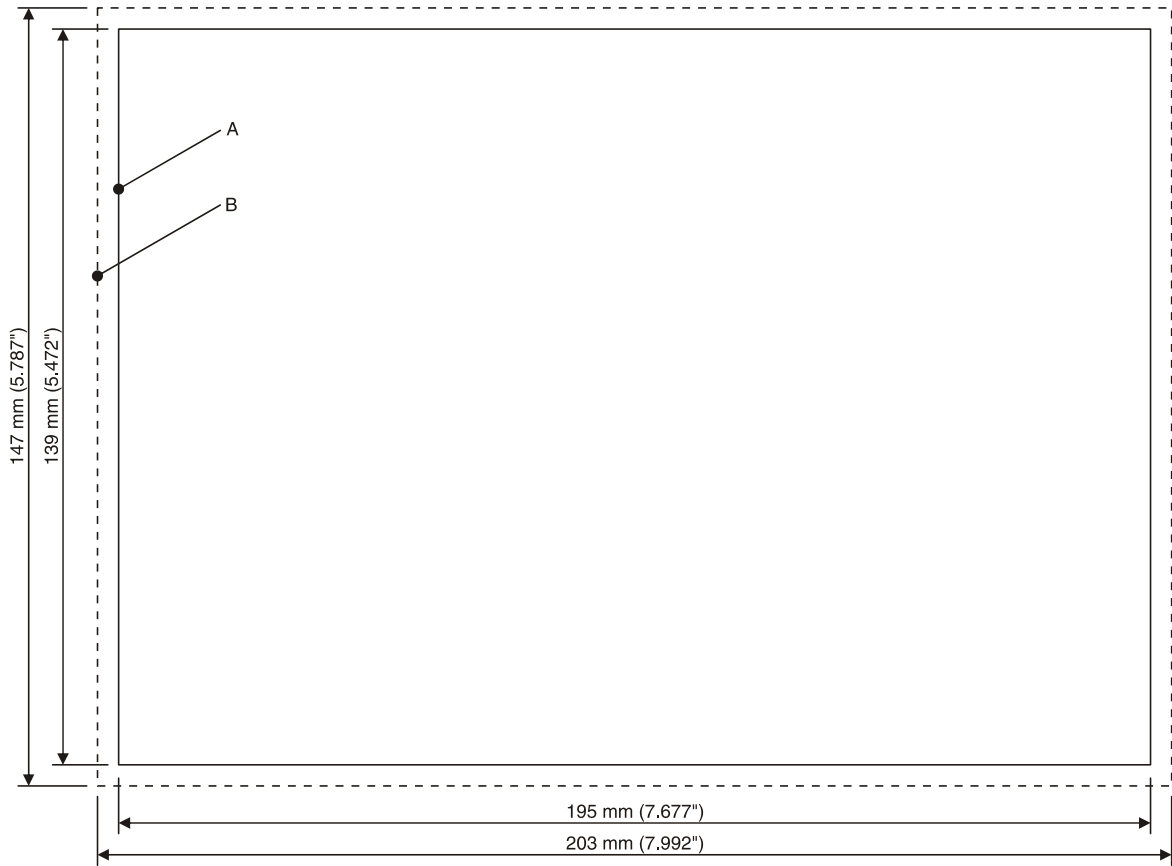


Figure 2-10 WP 07T/WS

- A Mounting Cutout
- B Front Panel

2.2.2.4 WP 09T/WS



Figure 2-11 WP 09T/WS

- A** Mounting Cutout
- B** Front Panel

2.2.2.5 WP 10T



Figure 2-12 WP 10T

- A** Mounting Cutout
- B** Front Panel

2.2.2.6 WP 15T

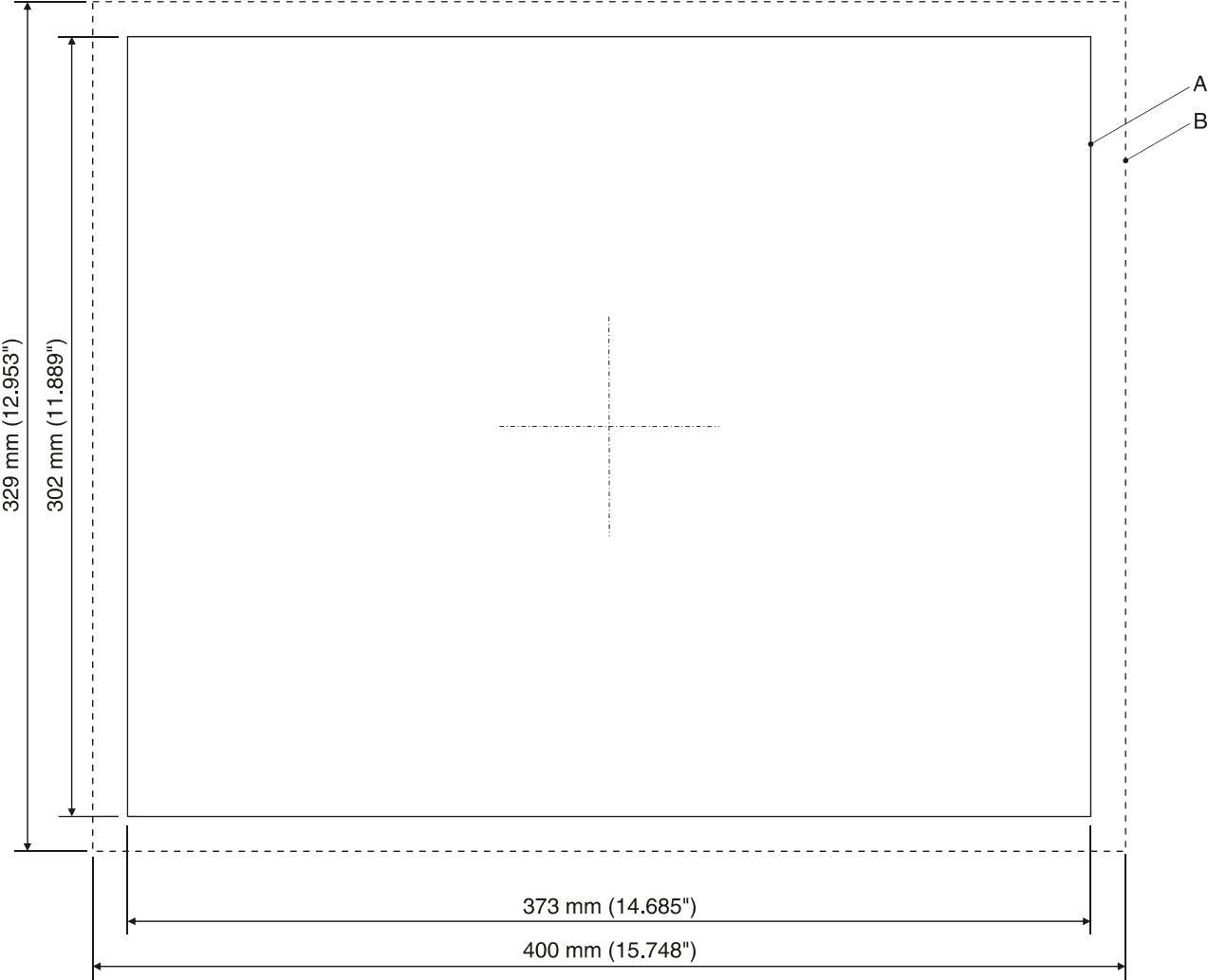


Figure 2-13 WP 15T

- A Mounting Cutout
- B Front Panel

2.2.3 Side View, Mounting Depth

2.2.3.1 WP 04T

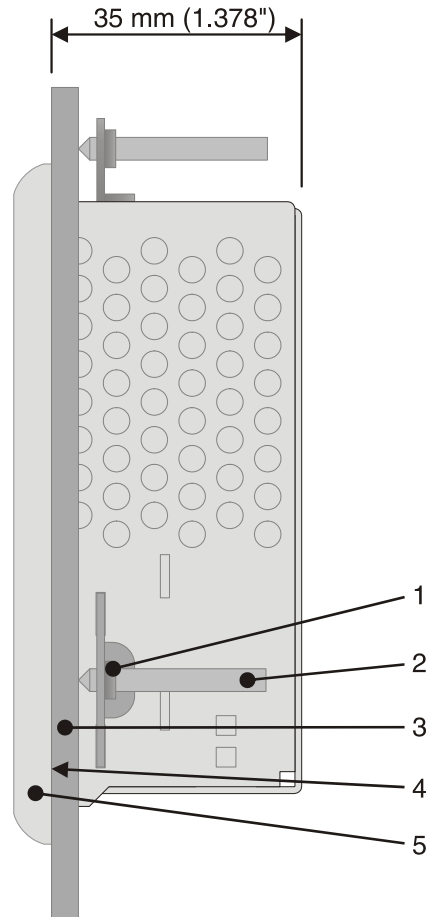


Figure 2-14 WP 04T

- 1 Mounting Bracket
- 2 Threaded Pin
- 3 Mounting Surface Thickness 1 mm to 6 mm
- 4 Circumferential Seal
- 5 Front Panel

2.2.3.2 WP 06T

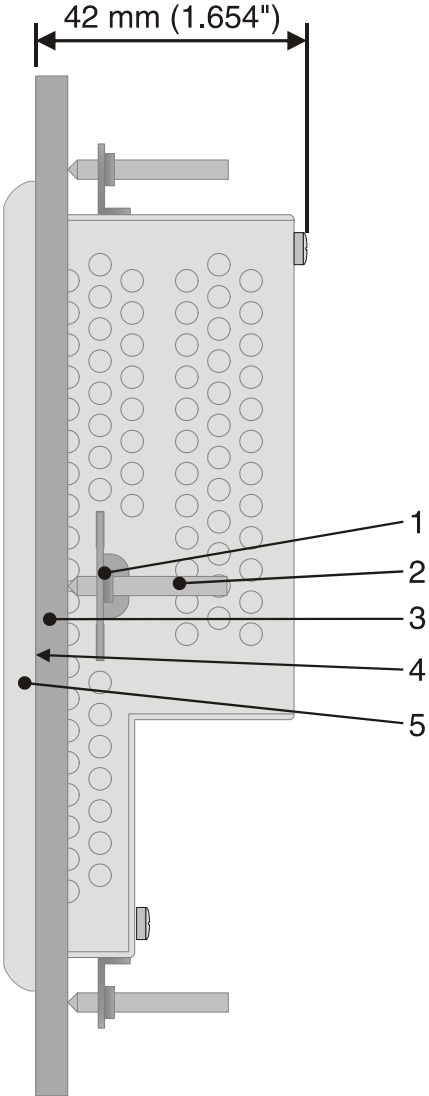


Figure 2-15 WP 06T

- 1 Mounting Bracket
- 2 Threaded Pin
- 3 Mounting Surface Thickness 1 mm to 6 mm
- 4 Circumferential Seal
- 5 Front Panel

2.2.3.3 WP 07T/WS

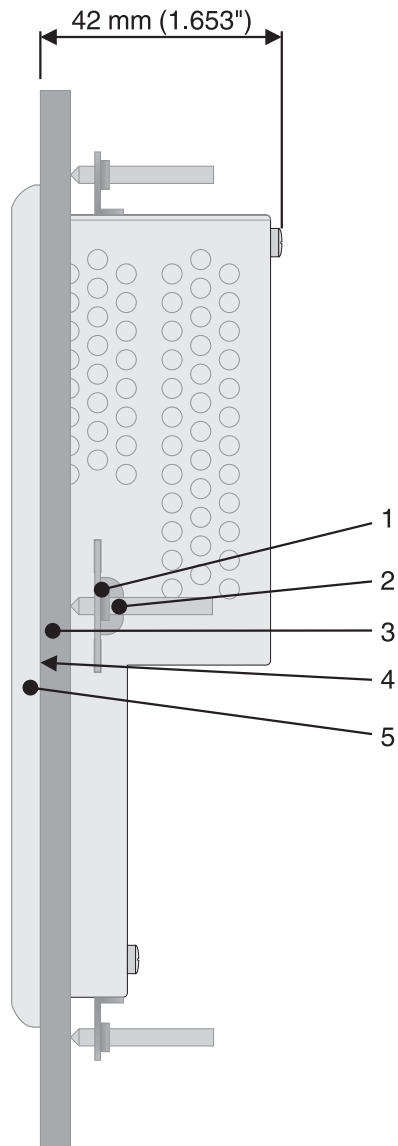


Figure 2-16 WP 07T/WS

- 1 Mounting Bracket
- 2 Threaded Pin
- 3 Mounting Surface Thickness 1 mm to 6 mm
- 4 Circumferential Seal
- 5 Front Panel

2.2.3.4 WP 09T/WS

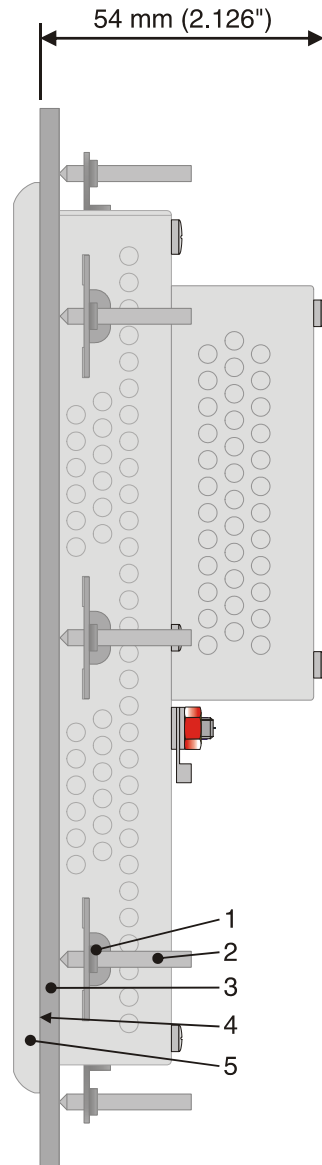


Figure 2-17 WP 09T/WS

- 1 Mounting Bracket
- 2 Threaded Pin
- 3 Mounting Surface Thickness 1 mm to 6 mm
- 4 Circumferential Seal
- 5 Front Panel