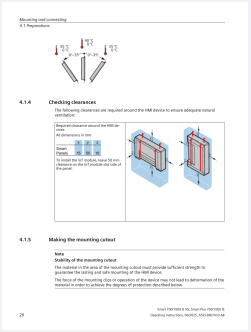
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6AV6648-0EC11-3AX0

Smart 700 IE V5 Operator Panel



PRODUCT	6AV6648-0EC11-3AX0
FAMILY	SIMATIC HMI SMART Panel V5
FUNCTION	Smart 700 IE V5 Operator Panel
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

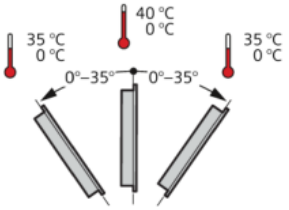
Display resolution	800 × 480 pixels
Display technology	TFT LCD
Color depth	16 million colors
Typical brightness	350 cd/m²
Backlight half-brightness life	20,000 h
Touch technology	Analog resistive

02 PREPARATION AND CONNECTION

- Confirm the complete 6AV6648-0EC11-3AX0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

03

OFFICIAL INSTALLATION REFERENCE



4.1.4 Checking clearances

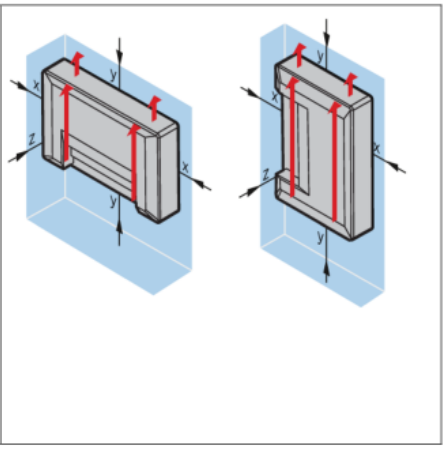
The following clearances are required around the HMI device to ensure adequate natural ventilation:

Required clearance around the HMI devices:

All dimensions in mm

	x	y	z
Smart Panels	15	50	10

To install the IoT module, leave 50 mm clearance on the IoT module slot side of the panel.



4.1.5 Making the mounting cutout

Note

Stability of the mounting cutout

The material in the area of the mounting cutout must provide sufficient strength to guarantee the lasting and safe mounting of the HMI device.

The force of the mounting clips or operation of the device may not lead to deformation of the material in order to achieve the degrees of protection described below.

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens A5E53807433-AB, sections 4 and 9.6
Product record	6AV6648-0EC11-3AX0
Manufacturer	Siemens
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**