

## 6AV6647-0AK11-3AX0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6av6647-0ak11-3ax0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.19 kgs
<b>Cable Specification</b>	480 × 272
<b>Component Specifications</b>	ktp400
<b>Interface Type</b>	profinet
<b>Display Size</b>	4.3 in
<b>Display Resolution</b>	480 × 272 pixels
<b>Display Colors</b>	256 colors
<b>Interface Type</b>	PROFINET
<b>Supply Voltage</b>	24 V DC
<b>Minimum Operating Temperature</b>	0 °C
<b>Maximum Operating Temperature</b>	50 °C
<b>Dimensions</b>	140 × 116 × 33 mm
<b>Weight</b>	0.34 kg
<b>Protection Rating</b>	IP20, IP65

## Description

The Siemens 6AV6647-0AK11-3AX0 is a Human-Machine Interface (HMI) device from the SIMATIC KTP400 series, designed for intuitive operator control and monitoring in industrial automation settings. This model features a 4.3-inch widescreen TFT display with a resolution of 480 x 272 pixels, supporting 256 colors for clear and vibrant visuals. It offers both keypad and touch operation, enhancing user interaction flexibility. The device is equipped with a PROFINET interface, facilitating seamless integration into industrial networks. Configurable via WinCC Basic V11 SP2 and STEP 7 Basic V11 SP2, it includes open-source software provided free of charge. The HMI operates on a 24 V DC supply voltage, with a permissible range between 19.2 V and 28.8 V, and consumes a rated current of 0.1 A. Its compact dimensions (140 x 116 x 33 mm) and lightweight design (approximately 0.34 kg) make it suitable for various industrial applications where space and weight considerations are critical. The device is rated IP20 and IP65, indicating protection against dust and water ingress, respectively, ensuring reliable performance in diverse environments.