

SIMATIC HMI SMART 1000 IE V3

Product Data Sheet

6AV6648-0CE11-3AX0

Ten Inch SMART Touch Panel

DISPLAY DIAGONAL	SCREEN RESOLUTION	DISPLAY COLOUR DEPTH	VISIBLE DISPLAY AREA
10.1 in	1024 x 600 pixels	65,536 colours	222.7 x 125.3 mm

Siemens 6AV6648-0CE11-3AX0 is the SIMATIC HMI SMART 1000 IE V3 touch panel. It provides local operator visualisation and process interaction for compatible industrial automation projects configured with WinCC flexible SMART.

01

VERIFIED TECHNICAL DATA

Display diagonal	10.1 in
Screen resolution	1024 x 600 pixels
Display colour depth	65,536 colours
Visible display area	222.7 x 125.3 mm
Backlight life at 25 deg C	15,000 h MTBF
Rated supply voltage	24 V DC
Permitted supply range	19.2 to 28.8 V DC
Input current	230 mA rated; 370 mA maximum
Inrush integral	0.1 A² s
Processor clock	ARM, 600 MHz

ADDITIONAL PRODUCT DATA

Ethernet connection count	1 RJ45 interface
Serial interface allocation	1 shared RS-422/RS-485 interface
USB interface allocation	1 USB Type-A host
Enclosure protection	IP65 front; IP20 rear
External-ventilation-free tilt limit	35°

DOCUMENTED USE SETTINGS

Manufacturing and Industrial Production: Industrial Manufacturing Process Control.

Food Processing and Beverage Production: Food Processing and Packaging.

Water Treatment and Wastewater Processing: Water Supply Process Management.

SYSTEM COMPATIBILITY

Configure the SMART 1000 IE V3 using the supported WinCC flexible SMART software and controller connection. Confirm that the existing project was created for this exact panel execution.

PRODUCT EVIDENCE

Siemens exact-article technical data, 6AV6648-0CE11-3AX0