AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6AV6647-0AK11-3AX0

KTP400 Basic Color PN Panel

TYPE	REFERENCE	SCOPE	OPTIONS
KTP400 Basic Color PN Panel	**6AV6647-0AK11-3AX0**	**Exact-model data**	**Check order**

Siemens 6AV6647-0AK11-3AX0 is a SIMATIC HMI KTP400 Basic Color PN panel that combines touch input with four function keys. Its 4.3-inch TFT display presents 256 colors at 480 × 272 pixels, with a PROFINET interface for controller communication.

01 DOCUMENTED PRODUCT REFERENCE

Screen diagonal	4.3 in
Number of colors	256
MTBF backlighting (at 25 °C)	50 000 h
Number of function keys	4
Number of function keys with LEDs	0
Rated value (DC)	24 V
Permissible range, lower limit (DC)	19.2 V
Permissible range, upper limit (DC)	28.8 V

Siemens exact-model data sheet. Verify the complete supplied product identity.

02 TECHNICAL DATA

Current consumption (rated value)	0.1 A
Starting current inrush I^2t	0.5 $A^2 \cdot s$
Active power input, typ	2 W
Processor type RISC	32 bit
User-data memory	1 Mbyte
Number of industrial Ethernet interfaces	1
KC approval	Yes

03 APPLICATION AND CONFIGURATION

- Graphical visualization and local input within the supported HMI configuration.
- Retain the complete 6AV6647-0AK11-3AX0 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

04 OFFICIAL DOCUMENTATION

Siemens 6AV6647-0AK11-3AX0 Data Sheet

Source: Siemens official exact-model data sheet; 7 source page(s). Last modified: 5/22/2024.

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

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