AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6AV6640-0CA01-0AX0

TP 170micro Touch Panel

TYPE	REFERENCE	SCOPE	OPTIONS
TP 170micro Touch Panel	**6AV6640-0CA01-0AX0**	**Exact-model data**	**Check order**

Siemens 6AV6640-0CA01-0AX0 is a SIMATIC TP 170micro touch panel for S7-200 controllers. Its 5.7-inch STN screen displays four blue levels at 320 × 240 pixels, providing a touch-based interface without a separate set of physical function keys.

01 DOCUMENTED PRODUCT REFERENCE

Screen diagonal	5.7 in
Number of colors	4; Blue levels
MTBF backlighting (at 25 °C)	50 000 h
Number of function keys	0
Number of system keys	0
Current consumption (rated value)	0.24 A
Starting current inrush I²t	0.5 A²·s
Active power input, typ	6 W

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

02 TECHNICAL DATA

Processor type RISC	32 bit
User-data memory	256 kbyte
Interfaces/bus type	1x RS 485 (max. 187.5 kbit/s)
Number of RS 485 interfaces	1
Number of RS 422 interfaces	0
Certificate of suitability	CE, FM Class I Div. 2, UL, CSA, cULus, C-TICK
Pre-installed operating system	Windows CE

03 APPLICATION AND CONFIGURATION

- Graphical visualization and local input within the supported HMI configuration.
- Retain the complete 6AV6640-0CA01-0AX0 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 6AV6640-0CA01-0AX0 Data Sheet

Source: Siemens official exact-model data sheet; 4 source page(s). Last modified: 11/24/2025.

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

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM