AMIKON TECHNICAL DOCUMENTATION

# Product Data Sheet

## Siemens 6AV6545-0BA15-2AX0

TP 170A Touch Panel

| TYPE | REFERENCE | SCOPE | OPTIONS |
|---|---|---|---|
| **TP 170A Touch Panel** | **6AV6545-0BA15-2AX0** | **Exact-model data** | **Check order** |

Siemens 6AV6545-0BA15-2AX0 is a SIMATIC TP 170A touch panel with a blue-mode STN display. Its 5.7-inch screen provides four blue levels and 320 × 240 resolution, combining graphical process presentation with direct touch-based operator input.

## 01 DOCUMENTED PRODUCT REFERENCE

| | |
|---|---|
| Design of display | STN, 4 blue levels |
| Screen diagonal | 5.7 in |
| MTBF backlighting (at 25 °C) | 50 000 h |
| Current consumption (rated value) | 0.24 A |
| Processor type RISC | 32 bit |
| User-data memory | 320 kbyte |
| Interfaces/bus type | TTY optional, 1x RS 232, 1x RS 422, 1x RS 485 (max. 1.5 Mbit/s) |
| IP (at the front) | IP65 |

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

## 02 TECHNICAL DATA

| | |
|---|---|
| IP (rear) | IP20 |
| NEMA (front) | NEMA 4 (when installed) |
| Certificate of suitability | CE, FM Class I Div. 2, UL, CSA, cULus, NEMA 4 |
| Pre-installed operating system | Windows CE |
| Configuration tool ProTool / Lite, Version | 5.2 SP 1 or higher or WinCC flexible Compact Version |
| Number of online/runtime languages | 5 |
| Languages per project | 32 |

## 03 APPLICATION AND CONFIGURATION

- Graphical visualization and local input within the supported HMI configuration.
- Retain the complete 6AV6545-0BA15-2AX0 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 6AV6545-0BA15-2AX0 Data Sheet**

Source: Siemens official exact-model data sheet; 5 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**

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