AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6AV6648-0BE11-3AX0

SMART 1000 IE Touch Panel

TYPE	REFERENCE	SCOPE	OPTIONS
SMART 1000 IE Touch Panel	**6AV6648-0BE11-3AX0**	**Exact-model data**	**Check order**

Siemens 6AV6648-0BE11-3AX0 is a SIMATIC HMI SMART 1000 IE touch panel with a widescreen TFT display. The screen provides 65,536 colors, while Ethernet and RS422/RS485 interfaces offer the communication connections specified for this SMART Panel version.

01 DOCUMENTED PRODUCT REFERENCE

Screen diagonal	10.2 in
Number of colors	65,536
MTBF backlighting (at 25 °C)	40 000 h; Half brightness life time (25°C), Max.
Number of function keys	0
Rated value (DC)	24 V
Permissible range, lower limit (DC)	19.2 V
Permissible range, upper limit (DC)	28.8 V
Current consumption (rated value)	0.6 A

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

02 TECHNICAL DATA

Starting current inrush I^2t	0.5 $A^2 \cdot s$
User-data memory	2 048 kbyte
Number of industrial Ethernet interfaces	1
Number of RS 485 interfaces	1
Number of RS 422 interfaces	1
Number of RS 232 interfaces	0
Number of USB interfaces	0

03 APPLICATION AND CONFIGURATION

- Graphical visualization and local input within the supported HMI configuration.
- Retain the complete 6AV6648-0BE11-3AX0 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 6AV6648-0BE11-3AX0 Data Sheet

Source: Siemens official exact-model data sheet; 5 source page(s). Last modified: 9/7/2023.

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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