SIMATIC HMI SMART LINE

Product Data Sheet

6AV6648-0AE11-3AX0

Smart 1000 Touch Panel

DISPLAY TECHNOLOGY	SCREEN DIAGONAL	DISPLAY RESOLUTION	DISPLAY COLORS
TFT LCD	**10.2 in**	**800 × 480 pixels**	**256**

Siemens 6AV6648-0AE11-3AX0 is the Smart 1000 Touch Panel for SIMATIC HMI Smart Line. The Smart 1000 provides touchscreen operation and visualization on a widescreen TFT panel.

01 TECHNICAL DATA

Display technology	TFT LCD
Screen diagonal	10.2 in
Display resolution	800 × 480 pixels
Display colors	256
Operator input	Touchscreen
Serial interface	1 × RS-422/RS-485
Maximum serial rate	187.5 kbit/s
Rated supply	24 V DC
Supply range	19.2–28.8 V DC
Typical current consumption	600 mA

Siemens Smart 700 and Smart 1000 Operating Instructions, A5E03313397, pp. 80–82, 90

02 ADDITIONAL PRODUCT DATA

Maximum continuous current	1000 mA
Backlight	LED
Backlight half-brightness life	40000 h at 25 °C
Brightness adjustment	Supported

03 PRODUCT FUNCTION

Display technology is specified as TFT LCD. The published data also lists 10.2 in for screen diagonal and 800 × 480 pixels for display resolution.

04 SYSTEM COMPATIBILITY

Match the 24 V DC feed and the serial connection to the installed panel project. Compare the project settings with the corresponding product ratings.

05 REFERENCE

Siemens Smart 700 and Smart 1000 Operating Instructions, A5E03313397, pp. 80–82, 90

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