

SINAMICS AOP30

Product Data Sheet

6SL3055-0AA00-4CA4

Advanced operator panel

SUPPLY VOLTAGE RANGE	CURRENT WITHOUT BACKLIGHTING	CURRENT AT MAXIMUM BACKLIGHTING	DISPLAY RESOLUTION
20.4 to 28.8 V DC	<100 mA	<200 mA	240 x 64 pixels

Siemens 6SL3055-0AA00-4CA4 is an AOP30 advanced operator panel for compatible SINAMICS drive systems. It provides local operation, parameter access and a clear display of drive status, setpoints, actual values, faults and alarms.

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VERIFIED TECHNICAL DATA

Supply voltage range	20.4 to 28.8 V DC
Current without backlighting	<100 mA
Current at maximum backlighting	<200 mA
Display resolution	240 x 64 pixels
Membrane keys	26
Operating-state LEDs	4
Serial data interface	RS232
Communication protocol	PPI
Backup battery	3 V lithium CR2032
Operating temperature	0 to +55 deg C

ADDITIONAL PRODUCT DATA

Storage temperature	-25 to +70 deg C
Inner protection rating	IP20
Outer protection rating	IP55
Mounting-panel thickness	2 to 4 mm
Approvals	CE / cULus

DOCUMENTED USE SETTINGS

Pulp Production and Paper Manufacturing: Pulp Preparation and Processing.

Metal Production and Steel Processing: Steel Rolling and Finishing.

Textile Production and Fabric Processing: Textile Fiber Manufacturing.

SYSTEM COMPATIBILITY

6SL3055-0AA00-4CA4 belongs to the SINAMICS AOP30 family and provides the documented advanced operator panel function. Its supply voltage range is 20.4 to 28.8 V DC; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SINAMICS AOP30 manufacturer documentation; applicable pages 168, 169