

SINUMERIK OPERATOR COMPONENTS

Product Data Sheet

6FC5303-0AF22-0AA1

SINUMERIK machine control panel

FUNCTION	FAMILY	ORIGIN	WEIGHT
SINUMERIK machine control panel	SINUMERIK operator components	Germany	4.2 kg

Siemens Sinumerik 6FC5303-0AF22-0AA1 is a SINUMERIK machine control panel for the SINUMERIK operator components. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	SINUMERIK machine control panel
Drive Family	SINUMERIK operator components
Primary Function	Provides machine keys, overrides and operator control inputs
Power Architecture	MCP operator interface
Voltage Class	24 V DC supply
Current Rating	Panel-defined I/O load
Power Section	Machine operator station
Mechanical Design	Panel-mount operator unit
Electrical Interface	Industrial Ethernet and machine I/O
Commissioning Check	Test keys, overrides and emergency circuit

- Apply the machine key operation: Use 6FC5303-0AF22-0AA1 to provide machine keys, overrides and operator control inputs within the documented SINUMERIK operator components. Confirm the machine operator station, electrical class and controlled system drawing before work.
- Prepare the override control path: Record industrial ethernet and machine i/o, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact SINUMERIK control panel arrangement during replacement.
- Complete the panel I/O acceptance: Test keys, overrides and emergency circuit. Review Siemens diagnostics and record the final SINUMERIK control panel result before returning the affected function to service.

Match 6FC5303-0AF22-0AA1 to the installed SINUMERIK operator components, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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