

SINUMERIK 840D CONTROL SYSTEMS

Product Data Sheet

6FC5247-0AA00-0AA3

SINUMERIK NCU enclosure box

FUNCTION	FAMILY	ORIGIN	WEIGHT
SINUMERIK NCU enclosure box	SINUMERIK 840D control systems	Germany	5 kg

Siemens Sinumerik 6FC5247-0AA00-0AA3 is a SINUMERIK NCU enclosure box for the SINUMERIK 840D control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	SINUMERIK NCU enclosure box
Drive Family	SINUMERIK 840D control systems
Primary Function	Houses and protects the numerical control unit and system interfaces
Power Architecture	NCU mechanical platform
Voltage Class	Control-system enclosure class
Current Rating	Installed NCU load
Power Section	Numerical control cabinet
Mechanical Design	Metal NCU mounting box
Electrical Interface	NCU, power and communication openings
Commissioning Check	Check fit, grounding and connector access

- Apply the NCU cabinet mounting: Use 6FC5247-0AA00-0AA3 to houses and protects the numerical control unit and system interfaces within the documented SINUMERIK 840D control systems. Confirm the numerical control cabinet, electrical class and controlled drawing before work.
- Prepare the protective-earth bonding: Record ncu, power and communication openings, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact SINUMERIK NCU box arrangement during replacement.
- Complete the enclosure fit check: Check fit, grounding and connector access. Review Siemens diagnostics and record the final SINUMERIK NCU box result before returning the affected function to service.

Match 6FC5247-0AA00-0AA3 to the installed SINUMERIK 840D control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>