6SC6100-0ND20

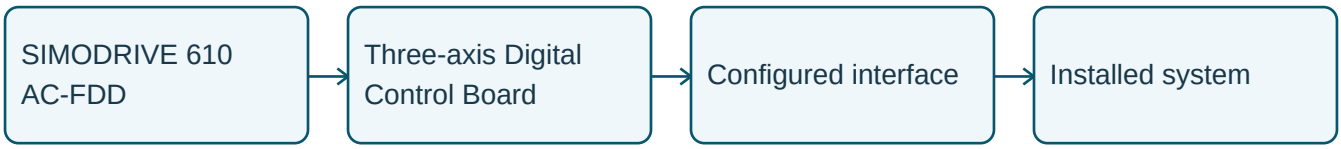
01 / Product identity and technical snapshot

Three-axis Digital Control Board

Siemens 6SC6100-0ND20 is a three-axis digital control board for SIMODRIVE 610 AC-FDD. It provides the control-board function within the legacy drive arrangement. The board is a component of the configured drive system; the complete axis installation also depends on its matching power hardware, motor connections and machine control configuration.

Product type	Three-axis Digital Control Board
Product series	SIMODRIVE 610 AC-FDD
Axis count	3

System relationship



Technical basis

Siemens 6SC6100-0ND20 product information.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Functional role and installed configuration

Product role

The three-axis designation identifies this board execution and must remain part of the replacement assessment. Record the complete 6SC6100-0ND20 marking, fitted board revision and the original connector positions. A digital control board with a similar appearance or a different SIMODRIVE family name does not establish an equivalent electrical or software interface.

Integration checks

Board identity	Match 6SC6100-0ND20, its revision and connector arrangement against the installed control board.
Drive relationship	Use the board within the matching SIMODRIVE 610 AC-FDD power and machine-control arrangement.
Axis assignment	Preserve the existing three-axis wiring allocation, drive settings and machine parameter record.

Application boundary

These facts identify the exact three-axis control-board execution. Motor power ratings and machine-specific drive settings belong to the installed drive configuration.

Product and installation enquiries

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6SC6100-0ND20

03 / Confirmed technical characteristics

Product series	SIMODRIVE 610 AC-FDD
Axis count	3
Control execution	Digital
Component type	APCB control board

Applicability

These facts identify the exact three-axis control-board execution. Motor power ratings and machine-specific drive settings belong to the installed drive configuration.

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04 / Configuration and diagnostic questions

How many axes are identified for 6SC6100-0ND20?

The exact board execution is identified for three axes.

Is 6SC6100-0ND20 the complete motor power converter?

It is the digital control board. The installed power hardware and other drive components must be assessed separately.

Which board identity should be matched for 6SC6100-0ND20?

Match the full order code, fitted hardware revision and connector arrangement with the original board.

What configuration should be retained before replacing 6SC6100-0ND20?

Retain the machine drive parameters, wiring allocation and the identity of the connected drive components.

Product and installation enquiries

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05 / Service context and portfolio references

Can a SIMODRIVE 611 board replace 6SC6100-0ND20 by family name alone?

No. A change of drive generation requires assessment of the complete drive, interfaces and machine configuration.

Source identity and applicability

Siemens 6SC6100-0ND20 product information.

These facts identify the exact three-axis control-board execution. Motor power ratings and machine-specific drive settings belong to the installed drive configuration.

Related portfolio references

Siemens 6FC5370-4AM20-0AA0

Siemens 6FC5370-8AA20-0AA0

Siemens 6DD1660-0BJ0

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Product and installation enquiries

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