6SC6100-0ND20

01 / Product identity and control context

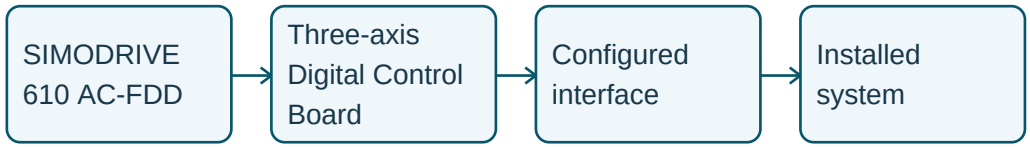
Three-axis Digital Control Board

Siemens 6SC6100-0ND20 is a three-axis digital control board for SIMODRIVE 610 AC-FDD.

Key characteristics

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

Functional relationship



Board identity

Match 6SC6100-0ND20, its revision and connector arrangement against the installed control board.

Configuration 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

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

6SC6100-0ND20

02 / Technical characteristics

Hardware and functional data

Product series	SIMODRIVE 610 AC-FDD
Axis count	3

Interfaces and operating conditions

Control execution	Digital
Component type	APCB control board

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03 / Application and integration contexts

Legacy drive servicing

Maintain the three-axis digital control function in a matching SIMODRIVE 610 AC-FDD installation.

Axis configuration review

Compare each connected axis with the original wiring and machine parameter record before commissioning.

Drive relationship

Use the board within the matching SIMODRIVE 610 AC-FDD power and machine-control arrangement.

Machine drive restoration

Restore the approved drive configuration after the correct board and related components have been matched.

Drive migration planning

Assess control interfaces and machine functions together when planning a different drive generation.

Axis assignment

Preserve the existing three-axis wiring allocation, drive settings and machine parameter record.

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04 / Installation and release decisions

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.

Service validation

Validate the affected axes under the approved machine commissioning procedure after replacement.

Protect the hardware

Use the applicable isolation and electrostatic-discharge controls. Preserve connectors, identification and mechanical retention during handling.

Verify the restored function

Apply the approved site acceptance procedure and compare actual behavior with the recorded system configuration before returning equipment to service.

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05 / Lifecycle, evidence and related portfolio

Lifecycle status

The manufacturer lifecycle phase is Product Discontinuation. SIMODRIVE 610 service and any migration require the installed drive configuration to be reviewed.

Supply boundary

Apter Power availability and dispatch are confirmed separately from the manufacturer lifecycle phase.

Technical basis

Siemens 6SC6100-0ND20 product information.

Related product references

Siemens 6FC5370-4AM20-0AA0

Siemens 6FC5370-8AA20-0AA0

Siemens 6DD1660-0BJ0

Navigation only; no substitute or accessory compatibility is implied.

Offered-unit verification

Compare the complete label, connectors, mounting arrangement and applicable hardware/software revision. Confirm included components and accompanying documents in the quotation.

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