Siemens

6SE3122-4DG40

SIMOVERT P MIDI MASTER MD1100/3 Inverter

Siemens 6SE3122-4DG40 is the MIDI MASTER MD1100/3 inverter rated 11.0 kW for a 400–500 V three-phase AC supply. It belongs to the documented MICRO MASTER and MIDI MASTER drive family.

System position

Exact identity	System family	Functional role	Release basis
6SE3122-4DG40	MICRO MASTER / MIDI MASTER	Variable Frequency Drive	Recorded test and diagnostics

Keep the hardware and configuration identities together

The MD1100/3 converts the incoming three-phase supply into a controlled motor output, with model-specific power wiring and family operating parameters retained during replacement.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	6SE3122-4DG40
Drive model	MD1100/3
Product family	MIDI MASTER
Hardware type	Inverter
Input supply	400–500 V three-phase AC
Power rating	11.0 kW

Technical evidence record: Official MICRO MASTER and MIDI MASTER Operating Instructions G85139-E1720-U325-A

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6SE3122-4DG40

Interfaces and integration

Define the installed role

The MD1100/3 converts the incoming three-phase supply into a controlled motor output, with model-specific power wiring and family operating parameters retained during

Exact model	6SE3122-4DG40
Drive model	MD1100/3
Product family	MIDI MASTER

Map the host relationship

The complete 6SE3122-4DG40 identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	MICRO MASTER / MIDI MASTER
Primary role	variable-frequency motor control in the documented
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded MICRO MASTER / MIDI MASTER position, connected interfaces and

Acceptance evidence

Release 6SE3122-4DG40 only after diagnostics and a controlled functional result are recorded.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6SE3122-4DG40

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE
Exact model	6SE3122-4DG40
Drive model	MD1100/3
Product family	MIDI MASTER
Hardware type	Inverter
Input supply	400–500 V three-phase AC

PARAMETER	VALUE
Power rating	11.0 kW
Input frequency	47–63 Hz family specification
Operating document	G85139-E1720-U325-A
Manual edition	03.95
Acceptance	Direction, speed command, current and

Identity decision

Accept only the complete 6SE3122-4DG40 marking and the recorded hardware execution.

Host decision

Confirm the receiving MICRO MASTER / MIDI MASTER position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of variable-frequency motor control in the documented MIDI MASTER installation before handover.

Engineering boundary

Use 6SE3122-4DG40 only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6SE3122-4DG40

Controls and service logic

Legacy motor-drive renewal

Restores an MD1100/3 position while keeping the recorded motor and mains arrangement.

Controlled-speed machinery

Applies the retained acceleration, deceleration and speed-reference configuration.

Panel refurbishment

Supports like-for-like replacement after terminal, control and cooling details are recorded.

Fault-led maintenance

Uses the drive display and documented fault codes to verify recovery before handover.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 6SE3122-4DG40 and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

6SE3122-4DG40

Engineering decisions

Which MIDI MASTER execution is 6SE3122-4DG40?

The operating instructions list it as MD1100/3.

What motor-power class is documented for this drive?

The exact order number is listed at 11.0 kW.

Which incoming voltage range applies?

The MD1100/3 variant is shown for 400–500 V three-phase AC.

Why must the parameter set be captured?

The replacement hardware will not reproduce the installed machine behavior unless the approved settings are retained.

When may the power terminals be touched?

Only after the mains is isolated and the documented DC-link discharge interval has elapsed.

How are power and control cables routed?

The family instructions require control, supply and motor leads to be laid separately.

Related Apter Power pages

Siemens 6ES7321 1BL00 0AA0 — View product page

Technical evidence record: Official MICRO MASTER and MIDI MASTER Operating Instructions G85139-E1720-U325-A

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

6SE3122-4DG40