

IC752SPL013

EX2100 Diagnostic Interface Keypad

GE IC752SPL013 is a door-mounted diagnostic interface keypad for an EX2100 excitation-control installation. It displays operating values and faults and provides local exciter commands, parameter access and diagnostic navigation.

BRAND	General Electric	FAMILY	GE EX2100 excitation control system
PART	IC752SPL013	SYSTEM ROLE	Displays up to eight selected status variables

APTER POWER SALES
TEAM

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



IC752SPL013

MANUFACTURER SOURCE RECORD

EX2100 Excitation Control User's Guide
GEH-6632, 2000-09-30, Chapter 5

Product Overview

SYSTEM FUNCTION

GE IC752SPL013 is a door-mounted diagnostic interface keypad for an EX2100 excitation-control installation. It displays operating values and faults and provides local exciter commands, parameter access and diagnostic navigation.

FUNCTION 1

Displays up to eight selected status variables

FUNCTION 2

Provides local Run, Stop, Auto and Manual commands

FUNCTION 3

Shows current faults and stored fault history

FUNCTION 4

Supports password-controlled parameter and diagnostic access

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	GE EX2100 excitation control system
Primary interface	Displays up to eight selected status variables
Engineering context	The keypad is used with the configured EX2100 control and its existing door wiring. Commissioning confirms screen navigation, monitored-variable selection, fault history, password privileges and controlled Run/Stop and Auto/Manual commands.
Commissioning duty	Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

TECHNICAL NOTE

Record the IC752SPL013 keypad cable, door position, displayed configuration and active EX2100 faults before disconnection. Restore the documented interface connection and privilege level, then verify Status and Menu navigation, local commands, fault reset/history and monitored values without bypassing the excitation-system interlocks.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Interface location	Door mounted	Exciter commands	Run and Stop
Screen modes	Status and Menu	Control modes	Auto and Manual
Status variables	Up to 8	Fault functions	Display, reset and history
Animated meter variables	First 2	Security code	5 digits
Monitored quantities	Frequency, current, power and voltage	Privilege levels	3

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS200ECTBG1A	terminal board	View IS200ECTBG1A page
IS200EMIOH1ACA	exciter I/O board	View IS200EMIOH1ACA page
IS200STAOH2AAA	analog output module	View IS200STAOH2AAA page
IS200BTCH1BBB	control card	View IS200BTCH1BBB page
IS200TRTDH1CCC	RTD terminal board	View IS200TRTDH1CCC page
IS200ACLEH1BCB	control layer module	View IS200ACLEH1BCB page
IC693CHS398	Series 90-30 baseplate	View IC693CHS398 page
DS200TCDAF1BCM	digital I/O board	View DS200TCDAF1BCM page

ENGINEERING BOUNDARY

Confirm IC752SPL013, the installed EX2100 cabinet and controller execution, door connector and wiring, keypad configuration, five-digit security code, privilege level, monitored-variable selection, active fault history, grounding and controlled command-test status before commissioning.

Applications and Precautions

Common Applications

Exciter cabinet status monitoring

Displays selected electrical quantities and controller states at the cabinet door.

Fault investigation

Reviews current faults, reset status and recorded fault history for diagnosis.

Controlled exciter operation

Provides local Run, Stop, Auto and Manual commands under the approved operating procedure.

Commissioning parameter review

Uses privilege-controlled menus to inspect or adjust the documented configuration.

Product Precautions

- 1

Confirm IC752SPL013 and the assigned EX2100 cabinet and door position.
- 2

Place the generator and excitation system in the approved maintenance state.
- 3

Isolate the affected interface circuit and use ESD controls before handling the keypad.
- 4

Record the keypad cable, connector orientation, active screen and displayed values.
- 5

Capture current faults and fault history before any reset or replacement.
- 6

Restore the approved display configuration, password privilege and parameter set.
- 7

Verify Status, Menu, alternate I/O status and hardware/firmware information screens.
- 8

Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

IMPORTANT NOTICE

Confirm IC752SPL013, the installed EX2100 cabinet and controller execution, door connector and wiring, keypad configuration, five-digit security code, privilege level, monitored-variable selection, active fault history, grounding and controlled command-test status before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	IC752SPL013
Configuration	Verify Status, Menu, alternate I/O status and hardware/firmware information screens.
Functional release	Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

Engineer FAQ

Q1 Where is IC752SPL013 installed in an EX2100 system?

The diagnostic interface is mounted on the exciter cabinet door and connected to the configured EX2100 control.

Q3 How many status variables can IC752SPL013 show?

The status screen supports up to eight selected variables; the first two can be presented with text and animated meters.

Q5 How should faults be reviewed on IC752SPL013?

Review current faults in order, record the active entries, use reset only under the approved procedure and retain the fault-history evidence.

Q7 What configuration should be recorded before replacing IC752SPL013?

Record the cable and connector orientation, display-variable selection, contrast, privilege level, active faults and the EX2100 hardware and firmware information.

Q2 Which quantities can IC752SPL013 monitor?

The interface can display selected frequency, current, power and voltage values available from the EX2100 system.

Q4 Which local commands are available through IC752SPL013?

The documented interface includes Run, Stop, Auto, Manual and fault-reset functions, subject to the system interlocks and user privilege.

Q6 Can IC752SPL013 be used to change EX2100 parameters?

Menu access can display and adjust permitted parameters when the correct password and privilege level are active.

Q8 What confirms IC752SPL013 is ready after installation?

Verify Status and Menu navigation, monitored values, fault list and history, security access and controlled local commands with normal EX2100 diagnostics.

MANUFACTURER SOURCE RECORD

EX2100 Excitation Control User's Guide
GEH-6632, 2000-09-30, Chapter 5

APTER POWER SALES TEAM

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



IC752SPL013