APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE EX2100 excitation control system
Part number	IC752SPL013
Product role	Displays up to eight selected status variables
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Record the IC752SPL013 keypad cable, door position, displayed configuration and active EX2100 faults before disconnection.

APTER POWER SALES TEAM

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IC752SPL013

PRODUCT TECHNICAL REFERENCE

Technical Specifications

Technical values below are limited to the named General Electric product record and directly applicable manufacturer documentation.

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

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	GE EX2100 excitation control system
Primary system role	Displays up to eight selected status variables
Connection boundary	Record the IC752SPL013 keypad cable, door position, displayed configuration and active EX2100 faults before disconnection.
Controlled acceptance duty	Exciter cabinet status monitoring

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.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	IC752SPL013
Installed host	GE EX2100 excitation control system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	GE EX2100 excitation control system
2	Status and Menu
3	Exciter cabinet status monitoring
4	Record the IC752SPL013 keypad cable, door position, displayed configuration and active EX2100 faults before disconnection.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	GE EX2100 excitation control system
Interface role	Displays up to eight selected status variables
Field / power context	The keypad is used with the configured EX2100 control and its existing door wiring.
Commissioning evidence	Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

Installation and Connection Checks

1. Capture current faults and fault history before any reset or replacement.
2. Restore the approved display configuration, password privilege and parameter set.
3. Verify Status, Menu, alternate I/O status and hardware/firmware information screens.
4. Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

Exciter cabinet status monitoring

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

Controlled exciter operation

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

Fault investigation

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

Commissioning parameter review

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

TECHNICAL NOTE

Record the IC752SPL013 keypad cable, door position, displayed configuration and active EX2100 faults before disconnection.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	IC752SPL013 recorded
Host / carrier	GE EX2100 excitation control system
Physical interface	Displays up to eight selected status variables
Configuration	Verify Status, Menu, alternate I/O status and hardware/firmware information screens.
Functional proof	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.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	IC752SPL013
Approved role	Exciter cabinet status monitoring
Final validation	Test local commands only under the controlled EX2100 commissioning procedure and confirm normal diagnostics.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC693CHS398	Series 90-30 baseplate	View IC693CHS398 page
DS200TCDAF1BCM	digital I/O board	View DS200TCDAF1BCM page
IS200ECTBG1A	terminal board	View IS200ECTBG1A page
IS200EMIOH1ACA	exciter I/O board	View IS200EMIOH1ACA page
IS200STAOH2AAA	analog output module	View IS200STAOH2AAA page
IS200TBTCH1BBB	control card	View IS200TBTCH1BBB page
IS200TRTDH1CCC	RTD terminal board	View IS200TRTDH1CCC page
IS200ACLEH1BCB	control layer module	View IS200ACLEH1BCB page

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