

531X307LTBAJG1

General Electric 531X LAN I/O terminal board

The exact item provides configurable control-input plugs and low-current relay-contact outputs for an installed drive or exciter interface.

INPUT ARRANGEMENT

8 configurable plugs

OUTPUT ARRANGEMENT

7 form-C contacts

BOARD FAMILY

531X307LTB

USE CONTEXT

Control-to-field I/O

System position

Drive / exciter control



531X307LTBAJG1

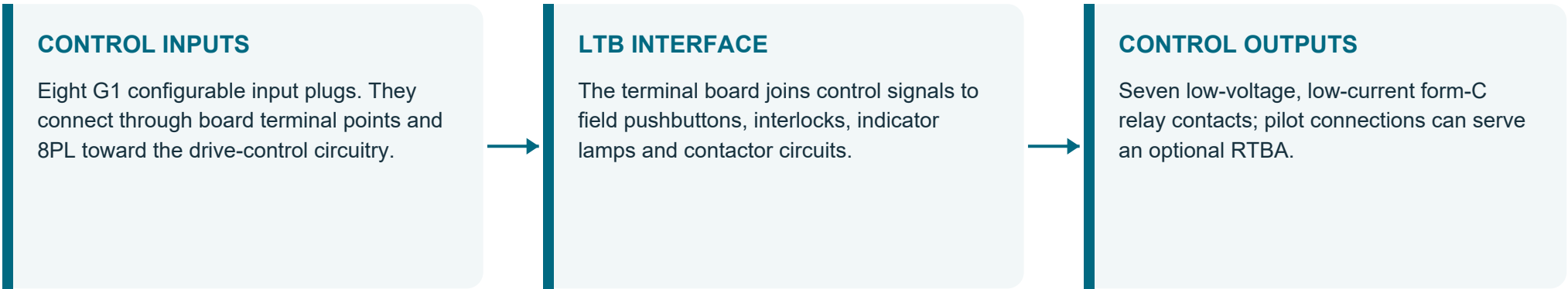


Field control devices

APPLICATION BOUNDARY

The GEH-6005 family description does not replace the complete suffix, cabinet drawing or installed board revision. Confirm each before selection.

Input-to-output capability map



DOMAIN	ENGINEERING DECISION
Installed-board identity	531X307LTBAJG1 and group/revision must be checked together.
Optional companion	RTBA relay board only when fitted to the installed equipment.
Source coverage	GEH-6005 sections 5-4.6 / 6-9 cover the 531X307LTB family.

NO BORROWED RATINGS

Electrical limits disputed between available item records are intentionally omitted; use the installed manual revision for final design values.

Documented control applications

PUSHBUTTON INPUT

Route a documented operator command into the drive-control path through a configured input plug.

INTERLOCK STATE

Bring a field interlock state into the control arrangement; maintain the approved safety logic.

INDICATOR CIRCUIT

Use a documented relay contact to control a suitable pilot/indicator circuit.

CONTACTOR PILOT

Where an RTBA board is fitted, use the documented pilot path for higher-power relay actuation.

INTEGRATION CHECK		GEH-6005 FAMILY GUIDANCE
Input protection	Do not connect an input across an inductive device.	
Cable segregation	Do not route I/O ribbon cables with power wiring.	
Installed compatibility	Use the cabinet drawing, exact revision and controlled settings.	

Engineering decisions and release

DECISION	REQUIRED EVIDENCE
Is the complete suffix confirmed?	Match 531X307LTBAJG1 and the board group against the installed record.
Are all input paths identified?	Map every used G1 input plug and field device before removal.
Are output circuits identified?	Trace every used form-C contact and optional RTBA connection.
Can the board be energized?	Only after wiring and cable segregation checks plus site restart approval.
What closes the job?	Controlled proof of all affected inputs, outputs and interlocks.

MANUFACTURER REFERENCE

GE DC2000 Digital Adjustable Speed Drive, GEH-6005, September 1995, sections 5-4.6 and 6-9.
Covers the base board family; verify the complete installed suffix.

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