GE Energy

369 Motor Management Relay Instruction Manual



369 Revision: 3.6x

Manual P/N: 1601-0077-BX

GE Publication Number: GEK-106288U

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ISO9001:2000
GE MULTILIN

GE Digital Energy's Quality Management System is registered to ISO9001:2000

QMI # 005094
UL # A3775

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All 369 Relay options are available when ordering the relay from the factory. Field upgrades are only available for the relay when the required hardware is installed in the relay from the factory. Field upgrades are via an option enabling passcode available from GE Multilin, which is unique to each relay and option. Any hardware modifications made to the relay in the field will void the product warranty and will not be supported by GE Multilin.

1.1.2 Ordering

Select the basic model and the desired features from the selection guide below:

Table 1–1:

369	*	*	*	*	*	*	*	
369	|	|	|	|	|	|	|	Base unit (no RTD)
	HI	|	|	|	|	|	|	50-300 VDC / 60-265 VAC control power
	LO	|	|	|	|	|	|	20-60 VDC / 20-48 VAC control power
		R	|	|	|	|	|	Optional 12 RTD inputs (built-in)
		0	|	|	|	|	|	No optional RTD inputs
			M	|	|	|	|	Optional metering package
			B	|	|	|	|	Optional backspin detection (incl. metering)
			0	|	|	|	|	No optional metering or backspin detection
				F	|	|	|	Optional Fiber Optic Port
				0	|	|	|	No optional Fiber Optic Port
					E	|	|	Optional Modbus/TCP protocol interface
					P	|	|	Optional Profibus-DP protocol interface
					P1	|	|	Optional Profibus-DPV1 protocol interface
					D	|	|	Optional DeviceNet protocol interface
					0	|	|	No optional protocol interfaces
						H	|	Harsh environment option
						0	|	No Harsh environment option
							E	Enhanced diagnostics with Enhanced faceplate
							0	No Enhanced diagnostics with Basic faceplate

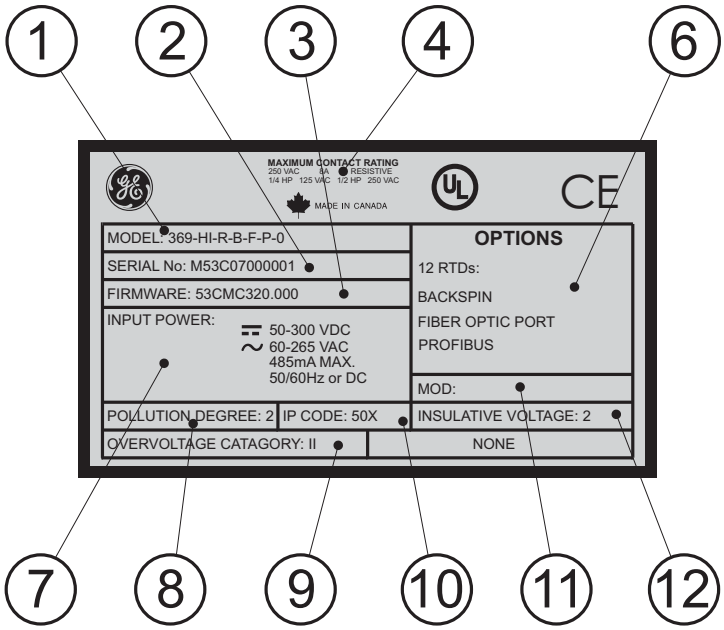
NOTE

1. **One Analog Output is available with the 369 base model. The other three Analog Outputs can be obtained by purchasing the metering or backspin options.**
The control power (HI or LO) must be specified with all orders. If a feature is not required, a 0 must be placed in the order code. All order codes have 10 digits. The 369 is available in a non-drawout version only.

   Examples: **`369-HI-R-0-0-0-0-E:`** 369 with HI voltage control power and 12 RTD inputs, and enhanced diagnostics
   `369-LO-0-M-0-0-0-E:` 369 relay with LO voltage control power and metering option, and enhanced diagnotics

2. **Features available only in Enhanced option (E)**
   - Enhanced faceplate with motor status indicators
   - Motor Health Report
   - Enhanced learned data
   - Motor Start Data Logger
   - Enhanced event recorder
   - Security audit trail events

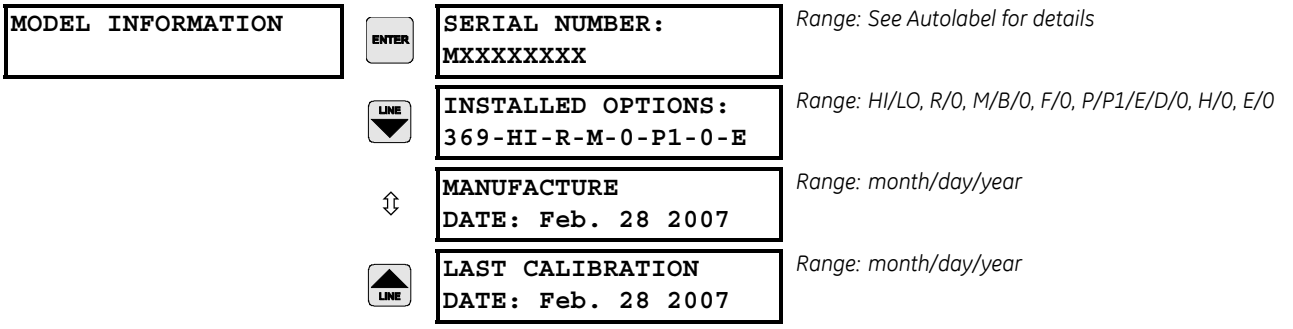
1.1.7 Relay Label Definition



1. The 369 Relay order code at the time of leaving the factory.
2. The serial number of the 369 Relay.
3. The firmware installed at the factory. Note that this may no longer be the currently installed firmware as it may have been upgraded in the field. The current firmware revision can be checked in the actual values section of the 369 Relay.
4. Specifications for the output relay contacts.
5. Certifications the 369 Relay conforms with or has been approved to.
6. Factory installed options. These are based on the order code. Note that the 369 Relay may have had options upgraded in the field. The actual values section of the 369 can be checked to verify this.
7. Control power ratings for the 369 Relay as ordered. Based on the HI/LO rating from the order code.
8. Pollution degree.
9. Overvoltage category.
10. IP code.
11. Modification number for any factory-ordered mods.
12. Insulative voltage rating.

6.6.2Model Information

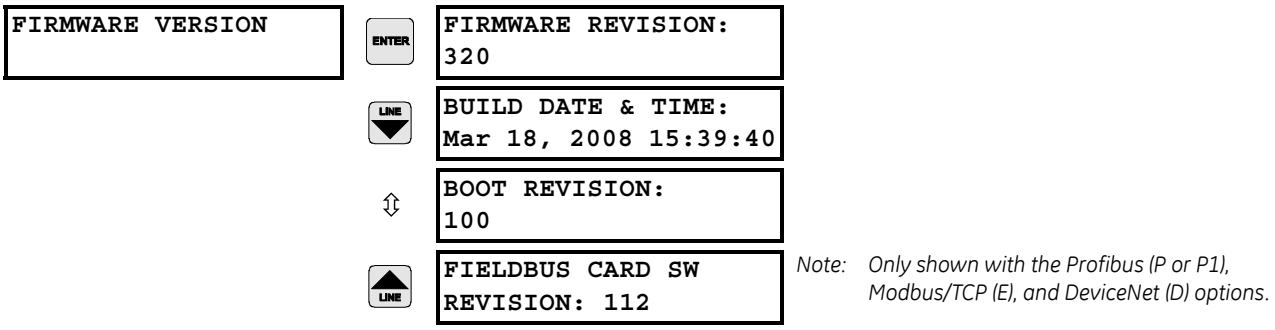
PATH: A6 RELAY INFORMATION ⇩ MODEL INFORMATION



The relay model and manufacturing information may be viewed here. The last calibration date is the date the relay was last calibrated at GE Digital Energy.

6.6.3 Firmware Version

PATH: A6 RELAY INFORMATION ⇩⇩ FIRMWARE VERSION



Note: Only shown with the Profibus (P or P1), Modbus/TCP (E), and DeviceNet (D) options.

This information reflects the revisions of the software currently running in the 369 Relay. This information should be noted and recorded before calling for technical support or service.