



# 735/737 Feeder Protection Relay

## Release Notes

GE Publication Number: GER-4070

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## Overview

### Summary

- Affected products: 735/737 Feeder Protection Relay
- Date of release: November 18, 2005
- Firmware revision: 1.56
- Hardware revision: D

### Release summary

This release note describes the 735/737 Feeder Protection Relay harsh environment option release.

### GE Multilin technical support

GE Multilin contact information and call center for product support is shown below:

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## Release details

### Modified features

#### Hardware: added Harsh Environment option

This release includes the addition of the Harsh Environment coating option. This option is for use in sulfur-rich environments such as petroleum and chemical plants, oil refineries, paper and pulp recycling plants, sewer and wastewater plants, and steel mills. The atmosphere produced by various chemical technologies in such facilities causes a serious corrosion problem for many metals used in electrical apparatus. Humidity and temperature variation contributes to the corrosion process leading to electronic equipment failures.

The Harsh Environment coating option:

- protects electronic equipment from corrosive gases
- reduces machines and processes down time
- minimizes equipment maintenance and repair cost

The order code has been changed to introduce the harsh environment option “-H”.

**Table 1: 735/737 order codes**

	735/	-	*	-	*	-	*	-	*	-	*	
	737	-	*	-	*	-	*	-	*	-	*	
<b>Basic Unit</b>	735											Standard 735 relay with 50/51, 50G/51G protection
	737											737 relay (same as 735 with 8 additional output relays)
<b>Phase CT</b>			1									1 A phase CT secondaries
<b>Secondary</b>			5									5 A phase CT secondaries
<b>Ground CT</b>					1							1 A ground CT secondaries
<b>Secondary</b>					5							5 A ground CT secondaries
<b>Control Power</b>							LO					20 to 60 V DC; 20 to 48 V AC at 50/60 Hz
							HI					90 to 300 V DC; 70 to 265 V AC at 50/60 Hz
<b>Options</b>									485			RS485 2-wire communications (standard)
									422			RS422 4-wire communications (optional)
									DEMO			735 demo/test case
<b>Harsh environment</b>											H	Harsh environment option