Release details

New models

Enhanced 750/760 relay has been introduced.

The order code has changed to introduce the new LCD by indicating "-B" for the existing relay and "-E" for the new relay. The new order code is shown below:

Table 1: 750/760 Order Codes

	750	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	750 Feeder Management Relay
	760	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	**–**	*	760 Feeder Management Relay
Base Unit	750		|		|		|		|		|		|		|	750 relay
	760		|		|		|		|		|		|		|	760 relay with autoreclose
Phase Current Inputs	P1		|		|		|		|		|		|		|	1 A phase current inputs
	P5		|		|		|		|		|		|		|	5 A phase current inputs
Zero-Sequence Current Inputs		G1			|		|		|		|		|		|	1 A zero-sequence current inputs
		G5			|		|		|		|		|		|	5 A zero-sequence current inputs
Sensitive Ground Current Input				S1			|		|		|		|		|	1 A sensitive ground current input
				S5			|		|		|		|		|	5 A sensitive ground current input
Control Power						LO	| |		| |		| |		| |		| |	25 to 60 V DC; 20 to 48 V AC at 48 to 62 Hz
						HI	| |		| |		| |		| |		| |	88 to 300 V DC; 70 to 265 V AC at 48 to 62 Hz
Analog Outputs							A1		|		|		|		|		|	Eight (8) 0 to 1 mA analog outputs
							A5		|		|		|		|		|	Eight (8) 0 to 5 mA analog outputs
							A10		|		|		|		|		|	Eight (8) 0 to 10 mA analog outputs
							A20		|		|		|		|		|	Eight (8) 4 to 20 mA analog outputs
Breaker Closed LED										R	| |		|		|		|	Red LED for Breaker Closed indicator
										G	| |		|		|		|	Green LED for Breaker Closed indicator
Display																E	Enhanced display, larger LCD
																B	Basic Display

For example:

- 750–P5–G5–S5–HI–A20–R–E indicates the enhanced 750 Feeder Management Relay
- 760–P5–G5–S5–HI–A20–R–B indicates the basic 760 Feeder Management Relay

Instruction manual changes

New instruction manual publication number

The enhanced 750/760 relay has been assigned publication number GEK-106471.

Updates to the instruction manual

The majority of the modifications to the instruction manual are related to the new navigation sequence and front panel keys for browsing through setpoints, actual values, and target messages. The content of the manual was also improved to enhance the understanding of the product.

Chapter 1 was modified for the new navigation process reflecting the additional MESSAGE keys, the introduction of the MENU key, and the elimination of the NEXT, SETPOINT and ACTUAL keys. Additional examples were introduced to illustrate the navigation process and how to access setpoints, actual values, and target messages. The application example was enhanced, providing additional background and adding wiring diagrams, connection diagrams, and control schematics.

The order code, as well as the examples, was modified in chapter 2.

Chapter 3 was updated with illustrations of the new product.

In chapter 4, the drawing showing the relay faceplate was updated to reflect the new faceplate design. The format of the diagnostic messages was changed to reflect the new presentation. The sections that covered the PC software was replaced with a new section corresponding to the enerVista 750/760 setup software.

Chapter 5 was modified to reflect the new navigation process. All navigation instructions for setpoints were reviewed and changed accordingly. The section corresponding to the Automatic Transfer Scheme was enhanced. Due to the keypad changes, the key sequence for clearing maximum and last demand values was changed from “Setpoint, Decimal, Message Up” to “Menu, Decimal, Message Left”.

Chapter 6 was also modified to reflect the new navigation process.

The communications chapter (Chapter 7 in the previous manual) has been removed. This information is now available as GE Publication number GEK-106473: 750/760 Communications Guide.