



"O" option

	FEATURES	DEVICE	BUS1000	BUS2000	MIB	B30	B90
PROTECTION	Undervoltage, Phase	27P	O	O		■	■
	Breaker Failure	50BF	O	O		O	O
	IOC, Ground/Neutral/Phase	50G/N/P	P	P		P	■
	TOC, Ground/Neutral/Phase	51G/N/P				N/P	■
	Neutral Overvoltage	59N				■	
	Auxiliary Overvoltage	59X				■	
	FlexElements™					■	
	Differential, Bus	87B	■	■	■	■	■
	Power Supply, AC or DC				DC	AC/DC	AC/DC
	CONTROL	Self-Test Failure Contact			■	■	■
Settings Groups					2	8	6
Flash Memory					■	■	■
Contact Inputs (Fixed)				■	1		
Contact Inputs (Programmable) – up to					1	80	up to 96 per box
Contact Outputs (Fixed)				■	3		
Contact Outputs (Programmable) – up to				■		64	up to 64 per box
Virtual Inputs						■	■
Virtual Outputs					■	■	■
Display				■	■	■	■
Keypad				■		■	■
Trip/Close Coil Supervision					■	O	O
Programmable Logic				■	■	■	■
User-Programmable LEDs					■	■	■
Timers					■	■	■
Digital Counters						■	■
Digital Elements						■	■
Dinamic Bus Replica						■	■
IRIG-B Input				■		■	■
MONITORING		Current – RMS				■	■
	Current – Phasor			■		■	■
	Voltage – RMS					■	■
	Voltage – Phasor			O		■	■
	Symmetrical Components					■	■
	Frequency					■	■
	Fault Report						■
	Event Recorder			■	■	■	■
	Oscillography (Waveform Capture)			■	■	■	■
	COMMUNICATIONS	CT Trouble					■
Interface Program				■	■	■	■
RS232 Port				■	■	■	■
RS485 Port				O	■	1/2	1/2
10 BaseF Port				O		0/1/2	0/1/2
ModBus® Protocol				O	■	■	■
ModBus® User Map					■	■	■
DNP3 Protocol						■	■
UCA2/MMS Protocol						■	■
M-Link Protocol				O			■
TCP/IP					■	■	

\* For the most current comparison list, access us online at: [www.GEMultilin.com/selector/bus.pdf](http://www.GEMultilin.com/selector/bus.pdf)