

## M FAMILY FEATURE COMPARISON

	FEATURES	DEVICE	MIF	MIG	MIN	MIV	MIW
PROTECTION	Phase Undervoltage	27P				■	
	Directional Low Forward Power	32LF					■
	Directional Reverse Power	32RP					■
	Loss of excitation	40					■
	Current Unbalance	46		■			
	Voltage Unbalance	47				■	■
	Thermal Image Unit	49	■	■			
	Ground Overvoltage	59N				■	
	Ground IOC	50NH/50NL	■	■	■		
	Phase IOC	50PH/50PL	■	■	■		
	Ground TOC	51N	■	■			
	Phase TOC	51P	■	■			
	Phase Overvoltage	59				■	
	Fuse Failure	VTFF					■
	Ground Directional	67N			■		
	Isolated Ground Directional	67IG			■		
	Petersen Coil Ground Directional	67PC			■		
	Overfrequency	81O				■	
	Underfrequency	81U				■	
	Starts/hour and Locked Rotor			■			
	Undercurrent			■			
	Restricted Earth Fault	87R		○			
	Breaker Failure Protection			○	■	○	
Programmable I/O and LEDs			○	■	○		
Breaker Arcing Current			○				
Programmable Logic			○	■	○		
Multiple Setting Groups			■	■	■		■
MONITORING AND METERING	Event Recorder		○	■	○	■	■
	Oscillography		○	■	○	■	■
	Thermal Capacity		■	■	■		
COMMUNICATIONS	Alphanumeric Display		■	■	■	■	■
	3 button keypad		■	■	■	■	■
	ModBus® Communications		■	■	■	■	■
	RS232 Serial Port		■	■	■	■	■
	RS485 Serial Port		■	■	■	■	■