

5. MAIN FUNCTIONS

5.1 Main functions

The following table shows the functions available with the models.

ANSI CODES	FEATURES	P125	P126	P127
50/51P/N	1 phase or earth overcurrent	●		
50/51	3 phase overcurrent		●	●
50/51N	Earth overcurrent		●	●
64N	Restricted Earth Fault	●	●	●
67P	3 phase directional overcurrent			●
67N	Earth fault directional overcurrent	●	●	●
67N	Derived earth fault			●
51V	Voltage controlled overcurrent			●
37	3 phase undercurrent	●	●	●
46	Negative phase sequence overcurrent		●	●
27/59	Phase under/over voltage (AND & OR mode)			●
59N	Residual over voltage	●	●	●
47	Negative overvoltage			●
32	Directional power (active / reactive, under / over power)			●
32N	Wattmetric Earth Fault	●	●	●
81U/O	Under/over frequency			●
81R	Rate of Frequency			●
49	Thermal overload		●	●
86	Output relay latching	●	●	●
79	Autoreclose		●	●
50BF	Circuit breaker failure detection		●	●
46BC	Broken conductor detection I2/I1		●	●
	Blocking Logic	●	●	●
	Test of output relays (Maintenance)	●	●	●
	CB control Local/remote	●	●	●
	Circuit Breaker Maintenance and Trip Circuit Supervision		●	●
	Cold load pick up		●	●
	Selective relay scheme logic		●	●
	Inrush blocking			●
	Switch on to fault (SOTF)		●	●
	Phase rotation			●
	VT supervision (VTS)			●
	CT Supervision (CTS)			●