

ANSI Code	Description	SEPAM 80			SEPAM 40			SEPAM 20		
		Function Code (Hex)	Unit ID (Hex)	Configuration Words	Function Code (Hex)	Unit ID (Hex)	Configuration Words	Function Code (Hex)	Unit ID (Hex)	Configuration Words
12	Overspeed	72	01 or 02	6 Words						
14	Underspeed	77	01 or 02	6 Words						
21B	Underimpedance	74	01	6 Words						
24	Overfluxing (V/Hz)	75	01 or 02	8 Words						
25	Synchro-check	18	01	11 Words						
27	Undervoltage	32	01 or 02	8 Words				10	01 or 02	8 Words
27/27S	Undervoltage				10	01 or 02	12 Words	18	01	8 Words
27D	Positive Sequence Undervoltage	38	01 or 02	6 Words	08	01 or 02	11 Words	08	01 or 02	8 Words
27R	Pemanent Undervoltage	35	01 or 02	6 Words	09	01	11 Words	09	01	8 Words
27TN/64G2	Third Harmonic Undervoltage	71	01 or 02	10 Words						
32P	Directional Active Overpower	53	01 or 02	7 Words	23	01	12 Words			
32Q	Directional Reactive Overpower	54	01	7 Words	24	01	12 Words			
37	Phase Undercurrent	22	01	6 Words	05	01	11 Words	05	01	3 Words
37P	Directional Active Underpower	55	01 or 02	7 Words						
38/49T	Temperature Monitoring	46	01 to 10	6 Words	15	10 to 10	11 Words	15	01 to 08	8 Words
40	Field Loss (Underimpedance)	70	01	9 Words						
46	Negative Sequence / Unbalance	45	01 or 02	8 Words	03	01 or 02	12 Words	03	01	4 Words
47	Negative Sequence Overvoltage	40	01 or 02	6 Words	19	01	11 Words			
48/52LR	Locked Rotor / Excessive Starting Time	44	01	8 Words	06	01	13 Words	06	01	5 Words
49RMS	Thermal Overload	43	01	25 Words	04	01	31 Words	04	01	18 Words
50BF	Breaker Failure	98	01	7 Words	20	01	12 Words	21	01	4 Words
50/27	Inadvertent Energization	73	01	9 Words						
50/51	Phase Overcurrent	01	01 to 08	15 Words	01	01 to 04	24 Words	01	01 or 02	16 Words
50N/51N	Earth Fault	06	01 to 08	16 Words	02	01 to 04	26 Words	02	01 or 02	16 Words
50V/51V	Voltage-restrained Phase Overcurrent	19	01 or 02	9 Words	25	01	14 Words			
51C	Capacitor Bank Unbalance	03	01 to 08	6 Words						
59	Overvoltage	28	01 to 04	7 Words	11	01 or 02	12 Words	11	01 or 02	8 Words
59N	Neutral Voltage Displacement	39	01 or 02	7 Words	12	01 or 02	11 Words	12	01 or 02	8 Words
64REF	Restricted Earth Fault Differential	64	01 or 02	5 Words						
66	Starts per Hour	42	01	9 Words	07	01	14 Words	07	01	6 Words
67	Directional Phase Overcurrent	52	01 or 02	20 Words	21	01 or 02	29 Words			
67N/67NC	Directional Earth Fault	50	01 or 02	27 Words	22	01 or 02	37 Words			
78PS	Pole Slip	76	01	8 Words						
79	Recloser				17	01	18 Words	17	01	17 Words
81H	Overfrequency	57	01 or 02	8 Words	13	01 or 02	13 Words	13	01	8 Words
81L	Underfrequency	56	01 to 04	9 Words	14	01 to 04	14 Words	14	01 or 02	8 Words
81R	Rate of Change of Frequency	58	01 or 02	6 Words				16	01	8 Words
87M	Machine Differential	62	01	6 Words						
87T	Transformer Differential	60	01	23 Words						