



Protective releases

Rated and setting currents, PR212

S4 – S8

Rated and setting currents

Circuit breaker	Current transformer	Functions			
		L (I1) A (0.4 – 1.0 x In)	S (I1) A (1 – 10 x In)	I (I3) A (1.5 – 12 x In)	G (I4) A (0.2 – 1 x In) / S8 (0.2 – 0.4)
S4 250	100	40 – 100	100 – .1000	150 – 1200	20 – 100
	250	100 – 250	250 – .2500	375 – 3000	50 – 250
S5 400	300	120 – 300	300 – .3000	450 – 3600	60 – 300
	400	160 – 400	400 – .4000	600 – 4800	80 – 400
S6 600 800	600	240 – 600	600 – .6000	900 – 7200	120 – 600
	800	320 – 800	800 – .8000	1200 – 9600	160 – 800
S7 1200	1000	400 – 1000	1000 – .10,000	1500 – 12,000	200 – 1000
	1200	480 – 1200	1200 – .12,000	1800 – 14,400	240 – 1200
	1600	640 – 1600	1600 – .16,000	2400 – 19,200	320 – 640
S8 1600 – 2500	2000	800 – 2000	2000 – .20,000	3000 – 24,000	400 – 800
	2500	1000 – 2500	2500 – .25,000	3750 – 30,000	500 – 1000

Key

- Iu** = Rated uninterrupted current of circuit-breaker
- In** = Rated current of current transformers
- I1** = Current setting value for relay overload protection
- I2** = Current setting value for relay short-circuit selective protection
- I3** = Current setting value for relay instantaneous short-circuit protection
- I4** = Current setting value for earth fault protection