

S5

400A, 600 VAC

100% UL rated, electronic trip type



When applied correctly, UL tested 100% equipment rated breakers may be applied at full rating rather than on the sizing rules of the NEC where breakers and cable are sized based on actual continuous load current divided by 80%. This 100%

rating can save the user the cost of larger cable or bus bar. Please consult the NEC for details and other design factors needed for this application.

400A Frame (160 – 400A adjustable continuous range)

Breaker	IC at 480VAC	Trip type	Adjustment	3 pole, 600VAC catalog number	List price
S5N	35kA	PR211	LI	S5NQ400BW	\$ 2366
		PR212	LSI	S5NQ400CW	3099
		PR212	LSIG	S5NQ400EW	4089
S5H	65kA	PR211	LI	S5HQ400BW	4019
		PR212	LSI	S5HQ400CW	4752
		PR212	LSIG	S5HQ400EW	5742
S5L	100kA	PR211	LI	S5LQ400BW	5206
		PR212	LSI	S5LQ400CW	5939
		PR212	LSIG	S5LQ400EW	6929

Trip settings

Adjustment	Trip function	Range	Individual settings
L	Long time pick-up Long time delay	0.4 – 1.0 3.0 – 18 sec.	0.4-0.5-0.55-0.6-0.65-0.7-0.75-0.8-0.85-0.875-0.9-0.925-0.95-0.975-1.0 x Frame rating A - B - C - D
S	Short time pick-up Short time delay	1.0 – 10.0 0.05 – 0.5 sec.	Off-1.0-2.0-3.0-4.0-6.0-8.0-10.0 x Frame rating A - B - C - D (I ² t On-Off)
I	Instantaneous trip	1.5 – 12.0	1.5-2.0-4.0-6.0-8.0-10.0-12.0 x Frame rating
G	Ground fault Ground fault delay	0.2 – 1.0 0.1 – 0.8 sec.	Off-0.2-0.3-0.4-0.6-0.8-0.9-1.0 x Frame rating A - B - C - D