

S4

250A, 600 VAC

100% UL rated



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.

100A Frame (40 – 100A adjustable continuous range)

Breaker	IC at 480VAC	Trip type	Adjustment	3 pole catalog number	List price
S4N	25kA	PR211	LI	S4NQ100BW	\$ 1482
		PR212	LSI	S4NQ100CW	2104
		PR212	LSIG	S4NQ100EW	3094
S4H	65kA	PR211	LI	S4HQ100BW	3333
		PR212	LSI	S4HQ100CW	3956
		PR212	LSIG	S4HQ100EW	4946
S4L	100kA	PR211	LI	S4LQ100BW	4345
		PR212	LSI	S4LQ100CW	4968
		PR212	LSIG	S4LQ100EW	5958

250A Frame (100 – 250A adjustable continuous range)

Breaker	IC at 480VAC	Trip type	Adjustment	3 pole catalog number	List price
S4N	25kA	PR211	LI	S4NQ250BW	\$ 1482
		PR212	LSI	S4NQ250CW	2104
		PR212	LSIG	S4NQ250EW	3094
S4H	65kA	PR211	LI	S4HQ250BW	3333
		PR212	LSI	S4HQ250CW	3956
		PR212	LSIG	S4HQ250EW	4946
S4L	100kA	PR211	LI	S4LQ250BW	4345
		PR212	LSI	S4LQ250CW	4968
		PR212	LSIG	S4LQ250EW	5958

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 PR212 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