

Selection guide

General ratings and specifications



E4



E6

UL 1066		E4					E6					
Levels of performance		S-A	H-A	V-A	L-A	H-A/f ^①	H-A	V-A	L-A	X-A	H-A/f ^①	X-A/f ^①
Frame Size	[A]	3200	3200	3200	3200	3200	4000	4000	4000	4000	4000	4000
	[A]	3600	3600	3600	3600	3600	5000	5000	5000	5000	5000	5000
	[A]	—	—	—	—	—	—	—	—	—	—	—
	[A]	—	—	—	—	—	—	—	—	—	—	—
	[A]	—	—	—	—	—	—	—	—	—	—	—
	[A]	—	—	—	—	—	—	—	—	—	—	—
Capacity of neutral pole for four-pole circuit breakers	[%Iu]	50	50	50	50	100	50	50	50	50	100	100
Rated short circuit current												
240V	[kA]	85	100	100	125	100	125	125	150	200	125	200
480V	[kA]	65	85	100	125	85	85	125	150	200	85	200
600V	[kA]	65	85	100	100	85	85	100	100	100	85	1000
Rated short time current	[kA]	65	85	100	100	85	100	100	100	100	100	100

IEC 60947-2		S	H	V	S/f ^①	H/f ^①	H	V	H/f ^①
Levels of performance									
Currents: rated uninterrupted current (at 40°C) Iu	[A]	4000	3200	3200	4000	3200	4000	3200	4000
	[A]	—	4000	4000	—	4000	5000	4000	5000
	[A]	—	—	—	—	—	6300	5000	6300
	[A]	—	—	—	—	—	—	6300	—
	[A]	—	—	—	—	—	—	—	—
	[A]	—	—	—	—	—	—	—	—
Capacity of neutral pole for four-pole circuit breakers	[%Iu]	50	50	50	100	100	50	50	100
Rated ultimate breaking capacity under short circuit Ics									
220/230/380/400/415V	[kA]	75	100	150	80	100	100	150	100
440V	[kA]	75	100	150	80	100	100	150	100
500/525V	[kA]	75	100	130	75	100	100	130	100
660/690V	[kA]	75	85	100	75	100	100	100	100
Rated service breaking capacity under short circuit Ics									
220/230/380/400/415V	[kA]	75	100	150	80	100	100	125	100
440V	[kA]	75	100	150	80	100	100	125	100
500/525V	[kA]	75	100	130	75	100	100	100	100
660/690V	[kA]	75	85	100	75	100	100	100	100
Rated short time withstand current Icw (1s)	[kA]	75	100	100	80	85	85	85	100

UL 1066 and IEC 60947-2 ^③					
Overall dimensions					
Fixed: H = 418mm/16.46 in; D = 302 mm/11.89 in					
W (3 poles/4 poles)	[mm]	566/656		746 ^②	782/908
W (3 poles/4 poles)	[in]	22.28/25.83		29.37	30.79/35.78
Draw out: H = 461mm/18.15 in; D = 396.5 mm/15.61 in					
W (3 poles/4 poles)	[mm]	594/684		774 ^②	810/936
W (3 poles/4 poles)	[in]	23.39/26.93		30.47	31.89/36.85
Weights (circuit breaker complete with trip unit, RH terminals, CS, excluding accessories)					
Fixed					
3 poles/4 poles	[Kg]	97/117		125 ^②	140/160
3 poles/4 poles	[lbs]	214/258		276	308/353
Draw out					
3 poles/4 poles	[Kg]	147/165		200 ^②	210/240
3 poles/4 poles	[lbs]	324/363		441	463/529

^① four poles only ^② 100% neutral protection ^③ For X Versions, see page 16.7.