

General information

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	H-A/f ①	
Frame Size	[A]	3200	3200	3200	3200	3200	4000	4000	4000	4000	
	[A]	3600	3600	3600	3600	3600	5000	5000	5000	5000	
	[A]	—	—	—	—	—	—	—	—	—	
	[A]	—	—	—	—	—	—	—	—	—	
	[A]	—	—	—	—	—	—	—	—	—	
Capacity of neutral pole for four-pole circuit breakers	[%lu]	50	50	50	50	100	50	50	50	100	
Rated short circuit current	240V	[kA]	85	100	100	125	100	125	125	150	125
	480V	[kA]	65	85	100	125	85	85	125	150	85
	600V	[kA]	65	85	100	100	85	85	100	100	85
Rated short time current	[kA]	65	85	100	100	85	100	100	100	85	

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) I _u	[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	[%lu]	50	50	50	100	100	50	50	100	
Rated ultimate breaking capacity under short circuit I _{cs}	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 I _{cs}	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 I _{cw} (1s)	[kA]	75	100	100	80	85	85	85	85	100

UL 1066 and IEC 60947-2

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	1034 ^②
W (3 poles/4 poles)	[in]	22.28/25.83	29.37	30.79/35.78	40.71

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	1062 ^②
W (3 poles/4 poles)	[in]	23.39/26.93	30.47	31.89/36.85	41.81

Weights (circuit breaker complete with trip unit, RH terminals, CS, excluding accessories)

Fixed

3 poles/4 poles	[Kg]	97/117	125 ^②	140/160	185 ^②
3 poles/4 poles	[lbs]	214/258	276	308/353	408

Draw out

3 poles/4 poles	[Kg]	147/165	200 ^②	210/240	275 ^②
3 poles/4 poles	[lbs]	324/363	441	463/529	607

① four poles only ② 100% neutral protection