

General information

General ratings and specifications



E1

E2

E3

UL 1066		E1		E2				E3			
Levels of performance		B-A	N-A	B-A	N-A	S-A	H-A	N-A	S-A	H-A	V-A
Frame Size	[A]	800	800	1600	800	800	800	2000	800	800	800
	[A]	1200	1200	—	1200	1200	1200	2500	1200	1200	1200
	[A]	—	—	—	1600	1600	1600	—	1600	1600	1600
	[A]	—	—	—	—	—	—	—	2000	2000	2000
	[A]	—	—	—	—	—	—	—	2500	2500	2500
	[A]	—	—	—	—	—	—	—	3200	3200	3200
Capacity of neutral pole for four-pole circuit breakers	[%I _u]	100	100	100	100	100	100	100	100	100	100
Rated short circuit current											
240V	[kA]	42	50	42	65	65	85	65	85	85	125
480V	[kA]	42	50	42	50	65	85	50	65	85	125
600V	[kA]	42	50	42	50	65	65	50	65	85	100
Rated short time current	[kA]	42	50	42	50	65	65	50	65	65	85

IEC 60947-2		B	N	B	N	S	L	N	S	H	V	L
Levels of performance												
Currents: rated uninterrupted current (at 40°C) I _u	[A]	800	800	1600	1000	800	1250	2500	1000	800	800	2000
	[A]	1000	1000	2000	1250	1000	1600	3200	1250	1000	1250	2500
	[A]	1250	1250	—	1600	1250	—	—	1600	1250	1600	—
	[A]	1600	1600	—	2000	1600	—	—	2000	1600	2000	—
	[A]	—	—	—	—	2000	—	—	2500	2000	2500	—
	[A]	—	—	—	—	—	—	—	3200	2500	3200	—
	[A]	—	—	—	—	—	—	—	—	3200	—	—
Capacity of neutral pole for four-pole circuit breakers	[%I _u]	100	100	100	100	100	100	100	100	100	100	100
Rated ultimate breaking capacity under short circuit I _{cu}												
220/230/380/400/415V	[kA]	42	50	42	65	85	130	65	75	100	130	130
440V	[kA]	42	50	42	65	85	110	65	75	100	130	110
500/525V	[kA]	42	50	42	55	65	85	65	75	100	100	85
660/690V	[kA]	42	50	42	55	65	85	65	75	85	100	85
Rated service breaking capacity under short circuit I _{cs}												
220/230/380/400/415V	[kA]	42	50	42	65	85	130	65	75	85	100	130
440V	[kA]	42	50	42	65	85	110	65	75	85	100	110
500/525V	[kA]	42	50	42	55	65	65	65	75	85	85	65
660/690V	[kA]	42	50	42	55	65	65	65	75	85	85	65
Rated short time withstand current I _{cw} (1s)	[kA]	42	50	42	55	65	10	65	75	75	85	15

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]	296/386	296/386	404/530
W (3 poles/4 poles)	[in]	11.65/15.2	11.65/15.2	15.91/20.82

Draw out: H = 461mm/18.15 in; D = 396.5 mm/15.61 in

W (3 poles/4 poles)	[mm]	324/414	324/414	432/558
W (3 poles/4 poles)	[in]	12.76/16.3	12.76/16.3	17.01/21.97

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

Fixed				
3 poles/4 poles	[Kg]	45/54	50/61	66/80
3 poles/4 poles	[lbs]	99/119	110/134	145/176
Draw out				
3 poles/4 poles	[Kg]	70/82	78/93	104/125
3 poles/4 poles	[lbs]	154/181	172/205	229/275

① four poles only ② 100% neutral protection