

## Selection Guide

### General ratings and specifications



#### UL 1066

Levels of performance		E1		E2				E3				
		B-A	N-A	B-A	N-A	S-A	H-A	N-A	S-A	H-A	V-A	X-A
Frame Size	[A]	800	800	1600	800	800	800	2000	800	800	800	800
	[A]	1200	1200	—	1200	1200	1200	2500	1200	1200	1200	1200
	[A]	—	—	—	1600	1600	1600	—	1600	1600	1600	1600
	[A]	—	—	—	—	—	—	—	2000	2000	2000	2000
	[A]	—	—	—	—	—	—	—	2500	2500	2500	—
	[A]	—	—	—	—	—	—	—	3200	3200	3200	—
Capacity of neutral pole for four-pole circuit breakers	[%Iu]	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	200
480V	[kA]	42	50	42	50	65	85	50	65	85	125	200
600V	[kA]	42	50	42	50	65	65	50	65	85	100	14
Rated short time current	[kA]	42	50	42	50	65	65	50	65	65	85	14

#### IEC 60947-2

Levels of performance		E1		E2				E3				
		B	N	B	N	S	L	N	S	H	V	L
Currents: rated uninterrupted current (at 40°C) Iu	[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	[%Iu]	100	100	100	100	100	100	100	100	100	100	100
Rated ultimate breaking capacity under short circuit Icu												
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 Ics												
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 Icw (1s)	[kA]	42	50	42	55	65	10	65	75	75	85	15

#### 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]	296/386	296/386	404/530
[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
[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    ③ For X Versions, see page 16.7.