

## General information

### General ratings and specifications



Circuit-breaker type			S1	S3B	S3						
Maximum frame	40°C	A	100	225	150			225			
continuous rated current											
Rated operational voltage	50/60 Hz	V	277/480V	240	600			480			
Test voltage	1 min. 50/60 Hz	V	3000	3000	3000			3000			
Rated impulse withstand voltage		kV	6	6	6			6			
Poles		No.	3	2-3	2-3-4			2-3-4			
Performance level											
			<b>N</b>	<b>B</b>	<b>N</b>	<b>H</b>	<b>L</b>	<b>B</b>	<b>N</b>	<b>H</b>	<b>L</b>
UL/CSA short-circuit interrupting capacity	240VAC 480VAC	kA RMS	50 20 <sup>③</sup>	150 —	65 25	100 50	150 85 <sup>②</sup>	150 —	65 25	100 50	150 65
UL 489, File # E93565	600VAC		—	—	14	14	25	—	—	—	—
CSA, File # LR90467	500VDC 600VDC	①	— —	50 —	35 20	50 35	65 50	— —	25 —	35 —	50 —
IEC-947 rated ultimate short-circuit breaking capacity	220/230VAC 380/400/415VAC 440VAC 500VAC 660/690VAC	Icu kA RMS	40 25 16 12 —	150 — — — —	65 35 30 25 14	100 65 50 40 18	170 85 65 50 20	— — — — —	65 35 30 25 14	100 65 50 40 18	170 85 65 50 20
Overcurrent trip unit/relays											
Thermal-magnetic			•	•	•	•	•	•	•	•	•
Microprocessor-based			—	—	—	—	—	—	—	—	—
Dialogue unit			—	—	—	—	—	—	—	—	—
Interchangeability			—	—	—	—	—	—	—	—	—
Version — Terminals											
Fixed — front or rear			•	•	•	•	•	•	•	•	•
Plug-in — front or rear (IEC)			•	•	•	•	•	•	•	•	•
Withdrawable — front or rear (IEC)			—	•	•	•	•	•	•	•	•
Dimensions (fixed circuit-breaker)											
2P & 3P (H x W x D)		in	4.72 x 3.07 x 2.75	6.70 x 4.13 x 4.07	6.70 x 4.13 x 4.07			6.70 x 4.13 x 4.07			
4P (H x W x D)		in	4.72 x 4.09 x 2.75	6.70 x 5.51 x 4.07	6.70 x 5.51 x 4.07			6.70 x 5.51 x 4.07			
Mechanical duration											
Operations		No.	25,000	25,000	25,000			25,000			
Frequency		ops./hour	240	240	120			120			
Weights (Fixed 3P)											
		lbs	2.42	6.75	6.75			6.75			

① For use with thermal-magnetic trip only:  
500VDC, 2 poles in series  
600 VDC, 3 poles in series

② 15-30A units are 65kA at 480VAC

③ 15A units are 14kA at 480VAC