

Air Circuit Breakers (ACBs)

- 3 frame sizes 500A - 5000A
- Terminals easily convert from horizontal to vertical (up to 3200A)
- Compact dimensions (*same panel cut-out for all sizes*)

Air circuit breakers are supplied standard with the following:

	fixed	draw-out
Auxiliary contacts (4NO + 4NC)	•	•
RTC (<i>ready to close</i>) contact for "spring loaded" indication	•	•
OCR - LSI Amp - microprocessor protection and control unit (<i>with LCD digital display</i>)	•	•
Internal components to easily mount mechanical interlock facility	•	•
Panel door ingress seal (<i>flange for compartment door</i>)	•	•
Cradle of draw-out circuit breaker		•
Operation (<i>racking</i>) crank handle		•
Safety shutters (<i>padlockable top and bottom</i>)		•



HWAN316EFCZ

Current setting $I_r + I_n \times \dots$	A	0.4-0.5-0.6-0.7-0.8-0.85-0.9-0.95-1
Time delay at $6x I_r$	s	0.5-1.25-2-2.5-5-10-15-20-25-30
Short circuit $I_s = I_n \times \dots$	A	1.0-1.5-2-2.5-3-4-6-8-10-non
Time delay $T_s 10x I_r - I_r^2$	ms	20-80-160-260-360-460
Instantaneous trip $I_p = I_n \times \dots$	A	2-3-4-6-8-10-12-15-non

type	thermal adjustment (A)	breaking capacity 415V (rms)	poles	mount	description	frame size
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Fixed-type air circuit breaker

Three pole

HWAN312EFCZ	500 - 1250	65kA	3 pole	(fixed)	air circuit breaker	A
HWAN316EFCZ	640 - 1600	65kA	3 pole	(fixed)	air circuit breaker	A
HWBS325EFCZ	1000 - 2500	85kA	3 pole	(fixed)	air circuit breaker	B
HWBS332EFCZ	1280 - 3200	85kA	3 pole	(fixed)	air circuit breaker	B
HWBS340EFCZ	1600 - 4000	85kA	3 pole	(fixed)	air circuit breaker	B
HWCP350EFCZ	2000 - 5000	100kA	3 pole	(fixed)	air circuit breaker	C

Four pole

HWAN416EFCZ	640 - 1600	65kA	4 pole	(fixed)	air circuit breaker	A
HWBS425EFCZ	1000 - 2500	85kA	4 pole	(fixed)	air circuit breaker	B
HWBS432EFCZ	1280 - 3200	85kA	4 pole	(fixed)	air circuit breaker	B
HWBS440EFCZ	1600 - 4000	85kA	4 pole	(fixed)	air circuit breaker	B
HWCP450EFCZ	2000 - 5000	100kA	4 pole	(fixed)	air circuit breaker	C

Draw-out air circuit breakers *supplied complete with cradle and crank handle*

Three pole

HWAN312EDCZ	500 - 1250	65kA	3 pole	(draw-out)	air circuit breaker	A
HWAN316EDCZ	640 - 1600	65kA	3 pole	(draw-out)	air circuit breaker	A
HWBS325EDCZ	1000 - 2500	85kA	3 pole	(draw-out)	air circuit breaker	B
HWBS332EDCZ	1280 - 3200	85kA	3 pole	(draw-out)	air circuit breaker	B
HWBS340EDCZ	1600 - 4000	85kA	3 pole	(draw-out)	air circuit breaker	B
HWCP350EDCZ	2000 - 5000	100kA	3 pole	(draw-out)	air circuit breaker	C

Four pole

HWAN416EDCZ	640 - 1600	65kA	4 pole	(draw-out)	air circuit breaker	A
HWBS425EDCZ	1000 - 2500	85kA	4 pole	(draw-out)	air circuit breaker	B
HWBS432EDCZ	1280 - 3200	85kA	4 pole	(draw-out)	air circuit breaker	B
HWBS440EDCZ	1600 - 4000	85kA	4 pole	(draw-out)	air circuit breaker	B
HWCP450EDCZ	2000 - 5000	100kA	4 pole	(draw-out)	air circuit breaker	C



HWAN416EDCZ