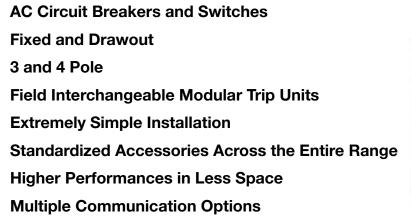
# **Emax-Air Circuit Breakers**

E4 3600A Fixed and Drawout





Dimensions	3P Fixed	16.46H x 22.28W x 11.89D
	3P Drawout	18.15H x 23.39W x 15.61D

## **Compliance with Global Standards**

111	1066	

ANSI C37, C37.13, C37.16, C37.17, C37.50

#### Also available as:

IEC 60947, EN 60947, CEI EN 60947, IEC 6100 CCC

Marine and others

The ABB Quality System complies with the international ISO 9001 - 2000 Standard (model for quality assurance in design, development, construction, and installation and service) and with the equivalent European EN ISO 9001 and Italian UNI EN ISO 9001 Standards

UL 1066				EA		
				E4		
Levels of performance		S-A	H-A	V-A	L-A	H-A/f ①
Frame Size	[A]	3200	3200	3200	3200	3200
	[A]	3600	3600	3600	3600	3600
	[A]					
	[A]					
	[A]					
	[A]					
Capacity of neutral pole for four-pole circuit breakers	[%lu]	50	50	50	50	100
Rated short circuit current						
240V	[kA]	85	100	100	150	100
480V	[kA]	65	85	100	150	85
600V	[kA]	65	85	100	100	85
Rated short time current	[kA]	65	85	100	100	85

1 four poles only

ABB

## Connections

Rear connections-Horizontal (standard on fixed breaker) or Vertical

## **Trip Unit**

The latest generation electronics from ABB have made it possible to design the new, revolutionary PR121, PR122 and

## **Auxiliary Devices for Indication and Control**

#### Control

- Shunt trip/closing coil (YO/YC) and second shunt trip (YO2)
- Undervoltage release (YU)
- Time-delay device for undervoltage release (D) IEC only
- External current sensors for neutral conductor outside circuit breaker (neutral CTS)
- Homopolar toroid for the main power supply grounding conductor (star center of the transformer)
- Mechanical operation counter

#### Indication

- Gear motor for the automatic charging of the closing springs (M)
- Bell alarm
- Bell alarm with remote reset command
- Electrical signaling of circuit breaker open/closed (Aux contacts - MOC)
- Electrical signaling of circuit breaker racked-in/test isolated/racked-out (position contacts -TOC)
- Contact signaling closing springs charged
- Contact signaling undervoltage release de-energized (C. Aux YU)

PR123 trip units. The re-engineered hardware architecture allows flexible and precise configuration. With the new Emax modular trip units one can simply add the appropriate module to satisfy your requirement: a great advantage, both in terms of flexibility and customization.

Weight (Ibs)	3P Fixed	214
	3P Drawout	324

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	Lock in open position: key
	Lock in open position: padlocks
	Circuit breaker lock in racked-in/test isolated/racked-out position
	Accessories for lock in test isolated/racked-out position
	Padlock device for safety shutter
	Mechanical lock for compartment door

- Anti-racking-out device when the springs are charged (FAIL SAFE)
- Protection for opening and closing pushbuttons
- Mechanical interlock

Safety

### ABB Inc.

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