

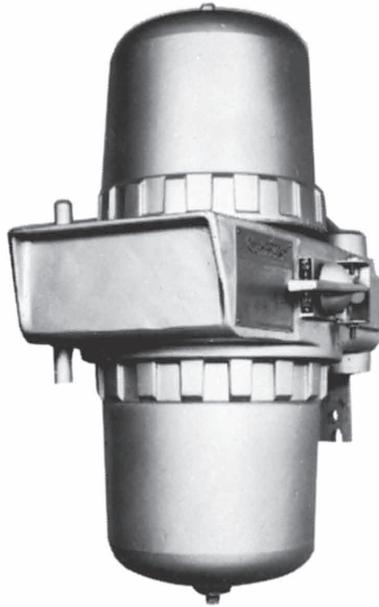
Threaded Circuit Breaker Enclosure: Explosionproof, Dust-Ignitionproof, Watertight

Application

“AE” type circuit breakers are used in areas where hazardous materials are handled or stored. These units provide protection against overloading and/or short circuits on power circuit feeder or branch circuits. They also provide disconnect means and thermal time delay overload protection.

Features

- Enclosures are cast from copper-free aluminum.
- Cast on slotted mounting feet.
- Ground lug package and installation instruction for termination of ground wire.
- External operating handle with slots for limiting handle travel.
- Breaker shafts and operators are stainless steel.
- Breaker operator can be locked in the “off” or “On” position.
- Standard outlets for line and load wiring.
- Plugged 1/2" outlets top and bottom for breather and drain.
- Wide range of drilled and tapped outlets.
- Breakers are mounted on a painted removable pan.
- Enclosures are designed to accept GE, Square D and Cutler-Hammer circuit breakers. For other brands—consult factory.
- Enclosures furnished with or without breakers.
- Readily accessible circuit breakers outside the center housing.
- Rated for NEMA 4X (grey epoxy-coated inside and outside).
- Acme screw type square threads designed to prevent seizing.
- Bell threads are located inside the housing—protects against damage or contaminants.



Standard Materials

- Housing: copper-free aluminum.
- Shafts, Bushings and exposed hardware: stainless steel.

Standard Finishes

- Housing: epoxy-coated inside and outside.

Options

- See page O-55.

Compliances

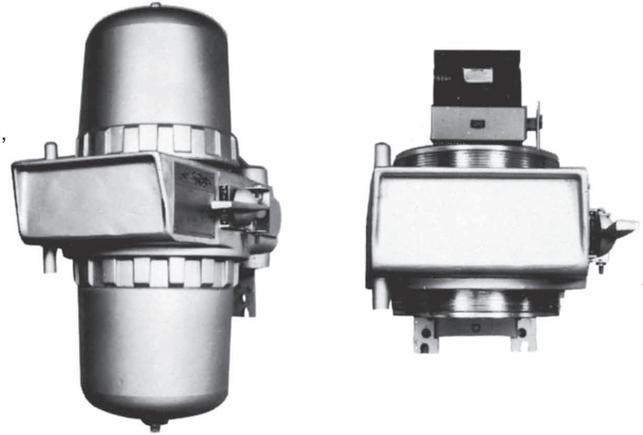
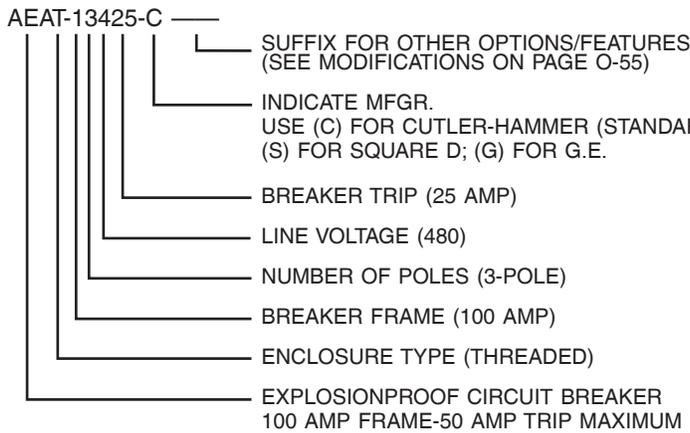
- UL Standard 877.
- NEMA 4, 7CD, 9EFG.

**Class I, Div. 1 and 2
Groups C,D
Class II, Div. 1 and 2
Groups E,F,G
Class III
NEMA 4,7CD,9EFG**

Threaded Circuit Breaker Enclosure: Explosionproof, Dust-Ignitionproof, Watertight

2 and 3 Pole, Non-Interchangeable Trip
Threaded Enclosure Type.

SAMPLE CAT. NO.



Breaker Frame Size	Breaker Interrupt Rating	Volts	Amp Rating	Catalog Numbers*		Conduit Size (In.) A, B, C & D	Mounting Hardware Set Cat. No.
				2 Pole	3 Pole		
100	10,000 Ampere Interrupting Capacity at 240 Volt AC	240 Volt AC, 125/250 Volt DC	15	AEKT-12215C	AEAT-13215C	1-1/4	AMH2
			20	AEKT-12220C	AEAT-13220C	1-1/4	AMH2
			25	AEKT-12225C	AEAT-13225C	1-1/4	AMH2
			30	AEKT-12230C	AEAT-13230C	1-1/4	AMH2
			35	AEKT-12235C	AEAT-13235C	1-1/4	AMH2
			40	AEKT-12240C	AEAT-13240C	1-1/4	AMH2
			50	AEKT-12250C	AEAT-13250C	1-1/4	AMH2
			60	AEBT-12260C	AEBT-13260C	1-1/4	AMH2
			70	AEBT-12270C	AEBT-13270C	1-1/4	AMH2
			80	AEBT-12280C	AEBT-13280C	1-1/4	AMH2
			90	AEBT-12290C	AEBT-13290C	1-1/4	AMH2
			100	AEBT-12210C	AEBT-13210C	1-1/4	AMH2
100	14,000 Ampere Interrupting Capacity at 480 Volt AC	480 Volt AC, 125/250 Volt DC	15	AEKT-12415C	AEAT-13415C	1-1/4	AMH2
			20	AEKT-12420C	AEAT-13420C	1-1/4	AMH2
			25	AEKT-12425C	AEAT-13425C	1-1/4	AMH2
			30	AEKT-12430C	AEAT-13430C	1-1/4	AMH2
			35	AEKT-12435C	AEAT-13435C	1-1/4	AMH2
			40	AEKT-12440C	AEAT-13440C	1-1/4	AMH2
			50	AEKT-12450C	AEAT-13450C	1-1/4	AMH2
			60	AEBT-12460C	AEBT-13460C	1-1/4	AMH2
			70	AEBT-12470C	AEBT-13470C	1-1/4	AMH2
			80	AEBT-12480C	AEBT-13480C	1-1/4	AMH2
			90	AEBT-12490C	AEBT-13490C	1-1/4	AMH2
			100	AEBT-12410C	AEBT-13410C	1-1/4	AMH2
150	14,000 Ampere Interrupting Capacity at 600 Volt AC	600 Volt AC, 250 Volt DC	15	AEKT-12615C	AEAT-13615C	1-1/4	AMH2
			20	AEKT-12620C	AEAT-13620C	1-1/4	AMH2
			25	AEKT-12625C	AEAT-13625C	1-1/4	AMH2
			30	AEKT-12630C	AEAT-13630C	1-1/4	AMH2
			35	AEKT-12635C	AEAT-13635C	1-1/4	AMH2
			40	AEKT-12640C	AEAT-13640C	1-1/4	AMH2
			50	AEKT-12650C	AEAT-13650C	1-1/4	AMH2
			60	AEBT-12660C	AEBT-13660C	1-1/4	AMH2
			70	AEBT-12670C	AEBT-13670C	1-1/4	AMH2
			80	AEBT-12680C	AEBT-13680C	1-1/4	AMH2
			90	AEBT-12690C	AEBT-13690C	1-1/4	AMH2
			100	AEBT-12610C	AEBT-13610C	1-1/4	AMH2
150	AEBT-126150C	AEBT-136150C	1-1/4	AMH2			

* Cutler Hammer breaker provided as standard. For G.E. breaker change C to G; For Square D breaker, change C to S.