

Explosionproof Circuit Breaker Enclosures

**CIRCUIT BREAKER ENCLOSURE ONLY**

| Breaker Frame Size | Trip Range | Enclosure |
|--------------------|------------|-----------|
| 100 | 15-70 | XCBA-N4 |
| 100/150 | 80-150 | XCBB-N4 |
| 225/250 | 70-250 | XCBC-N4 |
| 400 | 100-225 | XCBD-N4 |
| 600 | 250-400 | XCBE-N4 |
| 800 | 400-800 | XCBF-N4 |
| 1200 | 800-1200 | XCBBG-N4 |

FUSIBLE DISCONNECT SWITCHES

| Description | Suffix | Available On Circuit Breaker | Available On Disconnect Switch | Universal Enclosure Only |
|--|--------|------------------------------------|--------------------------------------|--------------------------------|
| Auxiliary Switch 1A and 1B Contacts | AS1 | • | • | |
| Auxiliary Switch 2A and 2B Contacts | AS2 | • | • | |
| Bell Alarm (Specify No. of Contacts) | BA | • | | |
| Breather/Drain - installed in bottom | E | • | • | • |
| Breather and Drain installed | EE | • | • | • |
| High Interrupting Capacity Breaker | HI | • | | |
| Epoxy Coating (External), (Specify Color) | LI | • | • | • |
| Epoxy Coating (Internal and External), (Specify Color) | L2 | • | • | • |
| Substitute MCP for Breaker | M | • | | |
| Phenolic Nameplate (Specify Legend) | NP | • | • | • |
| Shunt Trip (Specify Voltage Rating) | ST | • | | |
| Undervoltage Release (Specify Voltage Rating) | UV | • | | |
| Other / Special | Z | • | • | |

DATA DIMENSIONS

| Catalog # | Inside Nom. Dimensions | | | Overall Dimensions | | | Mounting Lug CL to CL | | Mtg. Bolt Size | Conduit Dimension | | Conduit # Holes Top/Bot | | Ship Weight (lbs.) |
|-----------|------------------------|----|---|--------------------|------|------|--------------------------|------|----------------------|----------------------|-----|-------------------------------|---|--------------------------|
| | W | L | D | A | B | C | E | F | | D | G | Size | | |
| XCBA-N4 | 6 | 11 | 5 | 9 ¼ | 14 ¼ | 9 | 9 ⅝ | 7 ½ | 7/16 | 2 ½ | — | 1 ¼ | 1 | 28 |
| XCBB-N4 | 6 | 13 | 5 | 9 ¼ | 16 ¼ | 9 | 9 ⅝ | 9 ½ | 3/8 | 2 ½ | — | 2 | 1 | 31 |
| XCBC-N4 | 7 | 18 | 5 | 10 ¾ | 21 ¾ | 9 | 9 ¾ | 14 ½ | 3/8 | 2 ¾ | — | 2 ½ | 1 | 47 |
| XCBD-N4 | 12 | 20 | 5 | 16 ¼ | 24 ¼ | 10 | 15 ¾ | 14 ¾ | ½ | 3 ¼ | — | 2 ½ | 1 | 108 |
| XCBE-N4 | 12 | 24 | 6 | 16 ¼ | 28 ¼ | 11 | 15 ¾ | 18 ¾ | ½ | 3 ⅝ | 2 ⅞ | 3 | 2 | 131 |
| XCBF-N4 | 12 | 36 | 8 | 16 ¼ | 40 ¼ | 13 ½ | 15 ¾ | 29 | 5/8 | 4 ½ | 3 ⅝ | 4 | 2 | 237 |

ATEX Certification Available-Consult factory

NOTE All enclosures have 1/2" NPT top and bottom for breather drain.

MOTOR CONTROL

Explosionproof Circuit Breaker Enclosures

FEATURES

BREAKERS

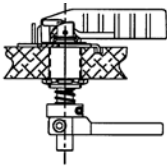
- Circuit breakers are thermal magnetic type and are available in frame sizes ranging from 15 to 800 amperes.
- Also available as non-automatic circuit interrupters, without automatic overload trip elements for load switching and isolation.
- Short circuit and overload protection must be provided by separate protection device.
- Breakers available for magnetic trip only.
- Can be set up for GE, Cutler-Hammer (Westinghouse), Square-D and ITE (Siemens) brand circuit breakers. Consult factory for other brands.
- Holes for Cutler-Hammer circuit breakers are drilled directly into back wall.
- Breakers also available for magnetic trip only.

ENCLOSURES

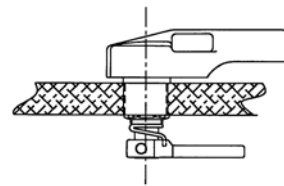
- Offer sufficient space for wire bending and ease of installation and maintenance.
- Housings are copper-free cast aluminum alloy, XCE series with precision ground cover and body joints.
- XCBC and larger units are furnished with hinges.
- Covers are removable for clear access to breakers.
- For XCBA and XCBB units, hinge and mounting pan are optional.
- Front mounted circuit breaker handle is padlockable in either "on" or "off" position.
- Furnished with Stainless Steel captive cover bolts.



Optional XCBH 2-2 handle shown; standard handle is XBO.



Standard XBO Style
 "New", spring loaded, compact adjustable design, ease of assembly and less expensive.
 Standard 3/4" - 14 NPSM opening required for installation.



Optional XCBH Style
 "Classic", larger handle.
 Special 1" - 11 1/2" NPSM opening required for installation.

Certifications

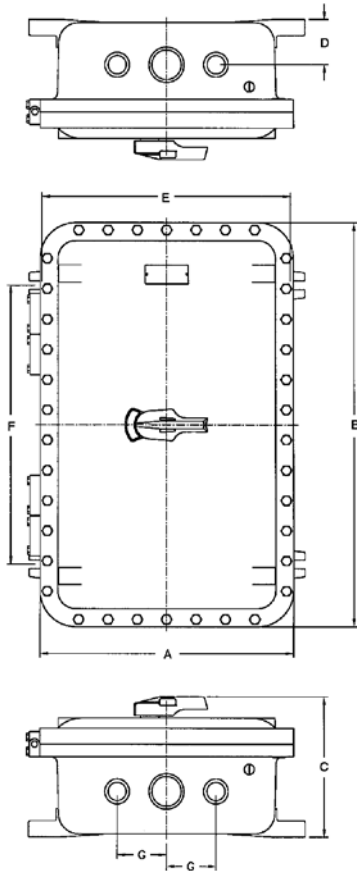
| | | | |
|----------------------------|---|---|-----------------------|
| Class I, Groups B*,C,D | } | } | UL 1203 |
| Class II, Groups E,F,G | | | CSA C22.2 No. 25 & 30 |
| Class III | | | |
| TYPE 4 (w/N4 suffix) | | | UL 50 |
| TYPE 4X (w/SS cover bolts) | | | |

* Group C & D w/ N4 suffix



ATEX Certification Available as XCEX Series Enclosures. Consult factory

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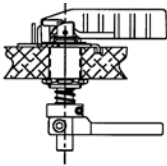
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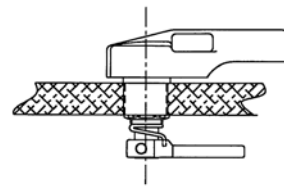


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The ADALET Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.