

# 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   | XCBG-N4   |

**FUSIBLE DISCONNECT SWITCHES**

| Description  | Suffix | Available On<br>Circuit<br>Breaker | Available On<br>Disconnect<br>Switch | Universal<br>Enclosure<br>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<br>CL to CL |      | Mtg.<br>Bolt<br>Size | Conduit<br>Dimension |     | Conduit<br># Holes<br>Top/Bot |   | Ship<br>Weight<br>(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

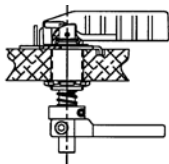
- Circuit breakers are thermal magnetic type and are available in frame sizes ranging from 15 to 800 amperes.
- Also available as non-automatic circuit interrupters, without automatic overload trip elements for load switching and isolation.
- Short circuit and overload protection must be provided by 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.

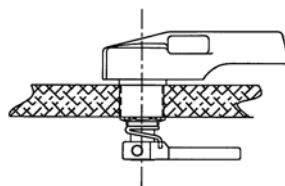


Optional XCBH 2-2 handle shown; standard handle is XBO.



#### 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

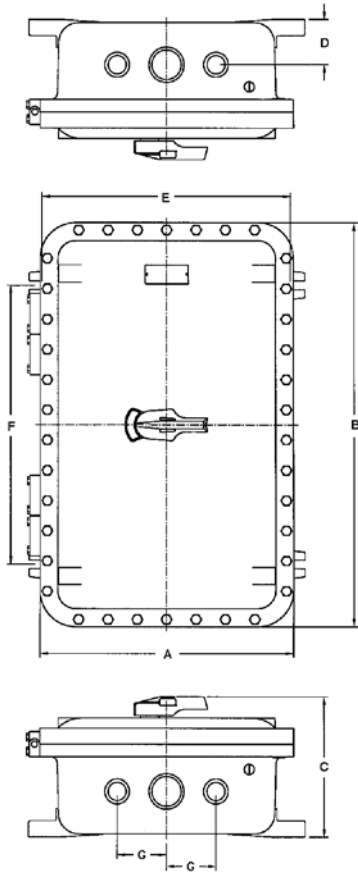
|                            |   |                                  |
|----------------------------|---|----------------------------------|
| Class I, Groups B*,C,D     | } | UL 1203<br>CSA C22.2 No. 25 & 30 |
| Class II, Groups E,F,G     |   |                                  |
| Class III         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

\* Group C & D w/ N4 suffix



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Motor Control

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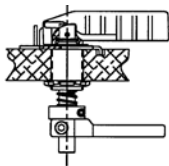
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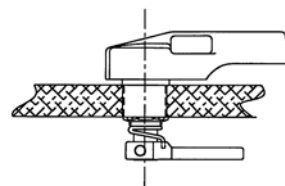
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