

## Bolt-on circuit breakers for CBM/CBL

### Type BAB and QBHW single- and multi-pole

Type BAB and QBHW

- 10,000/22,000 A interrupting capacity at 120 Vac, 120/240 Vac, and 240 Vac

Product selection

**Table 47. Single- and multi-pole bolt-on circuit breakers**

| Ampere rating | Wire size range (Cu/Al 60 °C or 75 °C) (AWG) | Catalogue number         |          |                                     |          |  |          |
|---------------|--|--------------------------|----------|-------------------------------------|----------|--|----------|
|               |  | Single-pole, 120/240 Vac |          | Two-pole, 120/240 Vac               |          | Three-pole, 120/240 Vac                |          |
|               |  | 10 kAIC                  | 22 kAIC  | 10 kAIC                             | 22 kAIC  | 10 kAIC                                | 22 kAIC  |
| 10            | #14-4  | BAB1010                  | —        | —                                   | —        | —                                      | —        |
| 15            | #14-4  | BAB1015                  | QBHW1015 | BAB2015                             | QBHW2015 | BAB3015H                               | QBHW3015 |
| 20            | #14-4  | BAB1020                  | QBHW1020 | BAB2020                             | QBHW2020 | BAB3020H                               | QBHW3020 |
| 25            | #14-4  | BAB1025                  | —        | —                                   | —        | —                                      | —        |
| 30            | #14-4  | BAB1030                  | QBHW1030 | BAB2030                             | QBHW2030 | BAB3030H                               | QBHW3030 |
| 40            | #14-4  | BAB1040                  | QBHW1040 | BAB2040                             | QBHW2040 | BAB3040H                               | QBHW3040 |
| 50            | #14-4  | BAB1050                  | QBHW1050 | BAB2050                             | QBHW2050 | BAB3050H                               | QBHW3050 |
| 60            | #8-1 Cu, #8-1/0 Al                           | BAB1060                  | QBHW1060 | BAB2060                             | QBHW2060 | BAB3060H                               | QBHW3060 |
| 70            | #8-1 Cu, #8-1/0 Al                           | BAB1070                  | QBHW1070 | BAB2070                             | QBHW2070 | BAB3070H                               | QBHW3070 |
| 90            | #8-1 Cu, #8-1/0 Al                           | —                        | —        | BAB2090                             | QBHW2090 | BAB3090H                               | QBHW3090 |
| 100           | #8-1 Cu, #8-1/0 Al                           | —                        | —        | BAB2100                             | QBHW2100 | BAB3100H                               | QBHW3100 |
| 125           | #8-1 Cu, #8-1/0 Al                           | —                        | —        | BAB2125                             | QBHW2125 | —                                      | —        |
|               |  |                          |          | Requires one 1-inch (25.4 mm) space |          | Requires two 1-inch (25.4 mm) spaces   |          |
|               |  |                          |          |                                     |          | Requires three 1-inch (25.4 mm) spaces |          |

Type BAB high intensity discharge (HID) rated

- 10,000 A interrupting capacity at 120 Vac, 120/240 Vac, and 240 Vac

**Table 48. Single-pole HID rated bolt-on circuit breakers**

| Ampere rating                       | Wire size range (Cu/Al 60 °C or 75 °C) (AWG) | Catalogue number                    |
|-------------------------------------|--|-------------------------------------|
|                                     |  | Single-pole, 120/240 Vac<br>10 kAIC |
| 15                                  | #14-4  | BAB1015D                            |
| 20                                  | #14-4  | BAB1020D                            |
| Requires one 1-inch (25.4 mm) space |  |                                     |

**Table 49. Single-pole bolt-on fire alarm breakers**

| Ampere rating | Configuration        | Catalogue number   |
|---------------|----------------------|--|
|               |                      | Single-pole, 120/240 Vac<br>10 per shelf carton<br>10 kAIC |
| 15            | Branch fire alarm    | BABF1015   |
| 20            | Branch fire alarm    | BABF1020   |
|               | Compact body breaker | Requires one 1-inch (25.4 mm) space                        |

## Replacement classic circuit breakers

### Bolt-on Type BQL single-, multi-pole, Duplex, and Quadplex

Type BQL <sup>a</sup>

- 10,000/22,000 A interrupting capacity at 120/240 Vac
- Captive line screw included (#2 Robertson/Slot)

<sup>a</sup> HACR rated.

Product selection

**Table 77. Single- and multi-pole bolt-on classic replacement circuit breakers**

| Ampere rating                       | Wire size range (Cu/Al 60 °C or 75 °C) (AWG) | Catalogue number          |               |                                      |         |  |                 |
|-------------------------------------|--|---------------------------|---------------|--------------------------------------|---------|--|-----------------|
|                                     |  | Single-pole, 120/240 Vac  |               | Two-pole, 120/240 Vac                |         | Three-pole, 120/240 Vac                |                 |
|                                     |  | 10 kAIC                   | 22 kAIC       | 10 kAIC                              | 10 kAIC | 22 kAIC                                | 22 kAIC         |
| 15                                  | #14–8  | <b>BQL15</b> <sup>a</sup> | <b>HBQL15</b> | <b>BQL215</b>                        |         | <b>BQL315</b>                          | <b>HBQL315</b>  |
| 20                                  | #14–8  | <b>BQL20</b> <sup>a</sup> | <b>HBQL20</b> | <b>BQL220</b>                        |         | <b>BQL320</b>                          | —               |
| 25                                  | #14–8  | <b>BQL25</b>              | <b>HBQL25</b> | <b>BQL225</b>                        |         | —                                      | —               |
| 30                                  | #14–8  | <b>BQL30</b>              | <b>HBQL30</b> | <b>BQL230</b>                        |         | <b>BQL330</b>                          | <b>HBQL330</b>  |
| 40                                  | #14–4  | <b>BQL40</b>              | <b>HBQL40</b> | <b>BQL240</b>                        |         | <b>BQL340</b>                          | —               |
| 50                                  | #14–4  | <b>BQL50</b>              | <b>HBQL50</b> | <b>BQL250</b>                        |         | <b>BQL350</b>                          | <b>HBQL350</b>  |
| 60                                  | #8–2/0                                       | <b>BQL60</b>              | <b>HBQL60</b> | <b>BQL260</b>                        |         | <b>BQL360</b>                          | <b>HBQL360</b>  |
| 70                                  | #8–2/0                                       | —                         | —             | <b>BQL270</b>                        |         | <b>BQL370</b>                          | <b>HBQL370</b>  |
| 90                                  | #8–2/0                                       | —                         | —             | <b>BQL290</b>                        |         | <b>BQL390</b>                          | <b>HBQL390</b>  |
| 100                                 | #8–2/0                                       | —                         | —             | <b>BQL2100</b>                       |         | <b>BQL3100</b>                         | <b>HBQL3100</b> |
| 125                                 | #8–2/0                                       | —                         | —             | <b>BQL2125</b>                       |         | —                                      | —               |
| 135                                 | #8–2/0                                       | —                         | —             | <b>BQL2135</b>                       |         | —                                      | —               |
| Requires one 1-inch (25.4 mm) space |  |                           |               | Requires two 1-inch (25.4 mm) spaces |         | Requires three 1-inch (25.4 mm) spaces |                 |

<sup>a</sup> Switching duty rated (SWD).

Type BQL Duplex and Quadplex <sup>a</sup>

- 10,000 A interrupting capacity at 120/240 Vac
- Captive line screw included (#2 Robertson/Slot)

<sup>a</sup> HACR rated.

**Table 78. Type BQL Duplex and Quadplex bolt-on classic replacement circuit breakers**

| Duplex                              |                            | Quadplex independent trip                         |                   |                           |                  |                                      |                   |                   | Wire size range (Cu/Al 60 °C or 75 °C) (AWG) |
|-------------------------------------|----------------------------|---|-------------------|---------------------------|------------------|--------------------------------------|-------------------|-------------------|--|
| Two single-pole circuits            |                            | Two single-pole circuits and one two-pole circuit |                   |                           |                  | Two two-pole circuits                |                   |                   |  |
| Ampere rating                       |                            | Ampere rating                                     |                   |                           |                  | Ampere rating                        |                   |                   |  |
| 120 Vac                             | Catalogue number           | 120 Vac   | 120/240 Vac       | 120 Vac                   | Catalogue number | 120/240 Vac                          | 120/240 Vac       | Catalogue number  |  |
|                                     |                            | Outer left (single-pole)                          | Centre (two-pole) | Outer right (single-pole) |                  | Outer left and right (two-pole)      | Centre (two-pole) |                   |  |
| 15–15                               | <b>BQLT15</b> <sup>a</sup> | 15  | 15                | 15                        | <b>BQLT15215</b> | 15                                   | 15                | <b>BQLT215215</b> | #14–4  |
| 20–20                               | <b>BQLT20</b> <sup>a</sup> | 15  | 20                | 15                        | <b>BQLT15220</b> | 20                                   | 20                | <b>BQLT220220</b> | #14–4  |
| 30–30                               | <b>BQLT30</b> <sup>a</sup> | 15  | 25                | 15                        | <b>BQLT15225</b> | 15                                   | 30                | <b>BQLT215230</b> | #14–4  |
| —                                   | —                          | 15  | 30                | 15                        | <b>BQLT15230</b> | 15                                   | 40                | <b>BQLT215240</b> | #14–4  |
| —                                   | —                          | 15  | 40                | 15                        | <b>BQLT15240</b> | —                                    | —                 | —                 | #14–4  |
| Requires one 1-inch (25.4 mm) space |                            | Requires two 1-inch (25.4 mm) spaces              |                   |                           |                  | Requires two 1-inch (25.4 mm) spaces |                   |                   |  |

<sup>a</sup> Switching duty rated (SWD).

<sup>b</sup> <sup>c</sup> Internal common trip.