

Miniature Circuit Breakers QUICKLAG® Industrial Circuit Breakers

Cutler-Hammer

March 1999

QUICKLAG International Rated Industrial Circuit Breakers Plug-on, Bolt-on and Cable-in/Cable-out

Description

QUICKLAG International Circuit Breakers

Plug-on Type HQP: 10-100 Amperes

Bolt-on Type BA: 10-100 Amperes

Cable-in/Cable-out Type QC:

10-100 Amperes

Built and Test Certified to BS3871,

Pt. 1 50/60 Hz, 40°C

Interrupting Ratings

| | Suffix E | Suffix HE |
|-----------------------------------|------------|------------|
| NEMA 120/240 Vac | 10,000 AIC | 10,000 AIC |
| BS3871 220/380, 240/415 Vac | 3,000 AIC | 6,000 AIC |

QUICKLAG International Ground Fault Circuit Breakers

Plug-on Type GFXB: 10-40 Amperes

Bolt-on Type GFXBB: 10-40 Amperes

Cable-in/Cable-out Type GFXBC:

10-40 Amperes

Built and Test Certified to

BS3871, Pt. 1

BS3871, Section 31-C

BS4293

50/60 Hz, 40°C

30 mA Sensitivity

Interrupting Rating

| | |
|--------------------------------|-----------|
| BS3871 220/380, 240/415 Vac | 3,000 AIC |
|--------------------------------|-----------|

Shipping Data

| Miniature Circuit Breaker | No. of Poles | Std. Carton Qty. | Approx. Carton Weight (Kgs) | Approx. Standard Carton Dimensions Inches (mm) |
|------------------------------------|--------------------|------------------------|--------------------------------------|--|
| QUICKLAG Types B, P, C – All | 1 | 24 | 9.000 (4.09) | 12.500 (317.50) x 6.500 (165.10) x 5.000 (127.00) |
| QUICKLAG Types B, P, C – All | 2 | 12 | 9.000 (4.09) | 12.500 (317.50) x 7.500 (190.50) x 5.000 (127.00) |
| QUICKLAG Types B, P, C – All | 3 | 8 | 9.000 (4.09) | 12.500 (317.50) x 7.500 (190.50) x 5.000 (127.00) |

QUICKLAG Ground Fault

| | | | | |
|---------------------------|---|----|------------------|---|
| Type P – All | 1 | 20 | 11.000 (4.99) | 12.500 (317.50) x 6.500 (165.10) x 5.000 (127.00) |
| Types B and C – All | 1 | 20 | 11.000 (4.99) | 12.500 (317.50) x 7.000 (177.80) x 5.500 (139.70) |
| Types P and B – All | 2 | 5 | 5.000 (2.27) | 12.500 (317.50) 6.000 (152.40) 4.500 (114.30) |

Breaker Catalog Numbers

| Continuous Ampere Rating at 40°C | Catalog Number | | | |
|---|----------------|-------------|-------------|---|
| | 1-Pole | 2-Pole | 3-Pole | Ground Fault 1-Pole 30 mA Sensitivity |
| | 240/415 Vac | 240/415 Vac | 240/415 Vac | 240/415 Vac |

3,000 Amperes I.C. (M3) Plug-on Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|----------|----------|----------|-----------|
| 10 | HQP1010E | HQP2010E | HQP3010E | GFXB110B2 |
| 15 | HQP1015E | HQP2015E | HQP3015E | GFXB115B2 |
| 16 | – | – | – | GFXB116B2 |
| 20 | HQP1020E | HQP2020E | HQP3020E | GFXB120B2 |
| 25 | HQP1025E | HQP2025E | HQP3025E | GFXB125B2 |
| 30 | HQP1030E | HQP2030E | HQP3030E | GFXB130B2 |
| 32 | – | – | – | GFXB132B2 |
| 40 | HQP1040E | HQP2040E | HQP3040E | GFXB140B2 |
| 50 | HQP1050E | HQP2050E | HQP3050E | – |
| 60 | HQP1060E | HQP2060E | HQP3060E | – |
| 70 | HQP1070E | HQP2070E | HQP3070E | – |
| 90 | – | HQP2090E | HQP3090E | – |
| 100 | – | HQP2100E | HQP3100E | – |

6,000 Amperes I.C. (M6) Plug-on Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|-----------|-----------|-----------|---|
| 15 | HQP1015HE | HQP2015HE | HQP3015HE | – |
| 20 | HQP1020HE | HQP2020HE | HQP3020HE | – |
| 25 | HQP1025HE | HQP2025HE | HQP3025HE | – |
| 30 | HQP1030HE | HQP2030HE | HQP3030HE | – |
| 40 | HQP1040HE | HQP2040HE | HQP3040HE | – |
| 50 | HQP1050HE | HQP2050HE | HQP3050HE | – |
| 60 | HQP1060HE | HQP2060HE | HQP3060HE | – |
| 70 | HQP1070HE | HQP2070HE | HQP3070HE | – |
| 90 | – | HQP2090HE | HQP3090HE | – |
| 100 | – | HQP2100HE | HQP3100HE | – |

3,000 Amperes I.C. (M3) Bolt-on Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|----------|----------|----------|------------|
| 10 | BAB1010E | BAB2010E | BAB3010E | GFXBB110B2 |
| 15 | BAB1015E | BAB2015E | BAB3015E | GFXBB115B2 |
| 16 | – | – | – | GFXBB116B2 |
| 20 | BAB1020E | BAB2020E | BAB3020E | GFXBB120B2 |
| 25 | BAB1025E | BAB2025E | BAB3025E | GFXBB125B2 |
| 30 | BAB1030E | BAB2030E | BAB3030E | GFXBB130B2 |
| 32 | – | – | – | GFXBB132B2 |
| 40 | BAB1040E | BAB2040E | BAB3040E | GFXBB140B2 |
| 50 | BAB1050E | BAB2050E | BAB3050E | – |
| 60 | BAB1060E | BAB2060E | BAB3060E | – |
| 70 | BAB1070E | BAB2070E | BAB3070E | – |
| 90 | – | BAB2090E | BAB3090E | – |
| 100 | – | BAB2100E | BAB3100E | – |

6,000 Amperes I.C. (M6) Bolt-on Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|-----------|-----------|-----------|---|
| 15 | BAB1015HE | BAB2015HE | BAB3015HE | – |
| 20 | BAB1020HE | BAB2020HE | BAB3020HE | – |
| 25 | BAB1025HE | BAB2025HE | BAB3025HE | – |
| 30 | BAB1030HE | BAB2030HE | BAB3030HE | – |
| 40 | BAB1040HE | BAB2040HE | BAB3040HE | – |
| 50 | BAB1050HE | BAB2050HE | BAB3050HE | – |
| 60 | BAB1060HE | BAB2060HE | BAB3060HE | – |
| 70 | BAB1070HE | BAB2070HE | BAB3070HE | – |
| 90 | – | BAB2090HE | BAB3090HE | – |
| 100 | – | BAB2100HE | BAB3100HE | – |

3,000 Amperes I.C. (M3) Cable-in/Cable-out Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|---------|---------|---------|------------|
| 10 | QC1010E | QC2010E | QC3010E | GFXBC110B2 |
| 15 | QC1015E | QC2015E | QC3015E | GFXBC115B2 |
| 16 | – | – | – | GFXBC116B2 |
| 20 | QC1020E | QC2020E | QC3020E | GFXBC120B2 |
| 25 | QC1025E | QC2025E | QC3025E | GFXBC125B2 |
| 30 | QC1030E | QC2030E | QC3030E | GFXBC130B2 |
| 32 | – | – | – | GFXBC132B2 |
| 40 | QC1040E | QC2040E | QC3040E | GFXBC140B2 |
| 50 | QC1050E | QC2050E | QC3050E | – |
| 60 | QC1060E | QC2060E | QC3060E | – |
| 70 | QC1070E | QC2070E | QC3070E | – |
| 90 | – | QC2090E | QC3090E | – |
| 100 | – | QC2100E | QC3100E | – |

6,000 Amperes I.C. (M6) Cable-in/Cable-out Thermal-Magnetic Circuit Breakers

| | | | | |
|-----|----------|----------|----------|---|
| 15 | QC1015HE | QC2015HE | QC3015HE | – |
| 20 | QC1020HE | QC2020HE | QC3020HE | – |
| 25 | QC1025HE | QC2025HE | QC3025HE | – |
| 30 | QC1030HE | QC2030HE | QC3030HE | – |
| 40 | QC1040HE | QC2040HE | QC3040HE | – |
| 50 | QC1050HE | QC2050HE | QC3050HE | – |
| 60 | QC1060HE | QC2060HE | QC3060HE | – |
| 70 | QC1070HE | QC2070HE | QC3070HE | – |
| 90 | – | QC2090HE | QC3090HE | – |
| 100 | – | QC2100HE | QC3100HE | – |