

Bolt-On Ground Fault and Equipment Protectors, Types QBGF, QBHGF, QBGFEP, QBHGFEP



QUICKLAG Type QBGF 1-Pole Ground Fault Circuit Breaker

Product Description

- Built and listed to UL 489

QUICKLAG Ground Fault Circuit Breakers, Class A GFCI

- Built and tested to UL 943
- 5 mA trip sensitivity

QUICKLAG Ground Fault Equipment Protectors

- Built and tested to UL 1053
- 30 mA trip sensitivity

Technical Data and Specifications

Shipping Data

Table 11-8. Shipping Data

| Carton Quantity | Approximate Weight Lbs. (Kg) | Dimensions in Inches (mm) |
|-----------------|------------------------------|---|
| 1-Pole | | |
| 20 | 11.00 (5.0) | 12.50 x 6.50 x 5.00 (317.5 x 165.1 x 127.0) |
| 2-Pole | | |
| 5 | 5.00 (2.3) | 15.50 x 6.00 x 4.50 (393.7 x 152.4 x 114.3) |

Instruction Leaflets

- Ground Fault Circuit Breaker and Equipment Protector Installation Instructions: FRED 255

Time/Current Curves

- 1-Pole: FRED 350077
- 2-Pole: FRED 350177
- 3-Pole: FRED 350277

Dimension Sheets

- FRED Index 206

Wiring Diagram

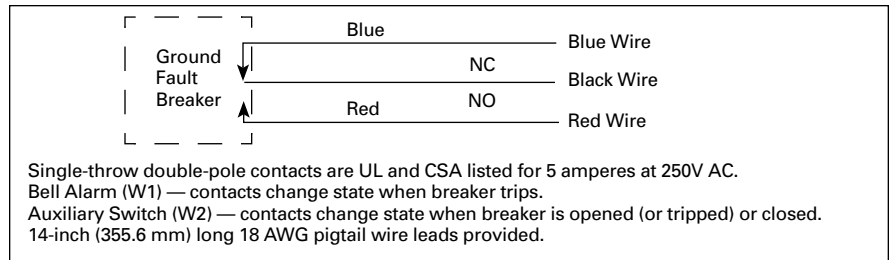


Figure 11-2. Bell Alarm and Auxiliary Contact Schematic

Product Selection

Table 11-9. Breaker Catalog Numbers

| Continuous Ampere Rating @ 40°C | 1-Pole | | 2-Pole | |
|---------------------------------|----------------|---------------|----------------|---------------|
| | 120V AC | | 120/240V AC | |
| | Catalog Number | Price U.S. \$ | Catalog Number | Price U.S. \$ |

Ground Fault Circuit Breakers — 5 mA Sensitivity

QUICKLAG Type: QBGF 10,000 Ampere I.C. Thermal-Magnetic Breakers

| | | | | |
|----|----------|------|----------|------|
| 15 | QBGF1015 | 201. | QBGF2015 | 323. |
| 20 | QBGF1020 | 201. | QBGF2020 | 323. |
| 25 | QBGF1025 | 201. | QBGF2025 | 323. |
| 30 | QBGF1030 | 201. | QBGF2030 | 323. |
| 40 | QBGF1040 | 224. | QBGF2040 | 350. |
| 50 | — | — | QBGF2050 | 350. |

QUICKLAG Type: QBHGF 22,000 Ampere I.C. Thermal-Magnetic Breakers

| | | | | |
|----|-----------|------|-----------|------|
| 15 | QBHGF1015 | 370. | QBHGF2015 | 585. |
| 20 | QBHGF1020 | 370. | QBHGF2020 | 585. |
| 25 | QBHGF1025 | 370. | QBHGF2025 | 585. |
| 30 | QBHGF1030 | 370. | QBHGF2030 | 585. |

Ground Fault Equipment Protectors — 30 mA Sensitivity

QUICKLAG Type: QBGFEP 10,000 Ampere I.C. Thermal-Magnetic Breakers

| | | | | |
|----|------------|------|------------|------|
| 15 | QBGFEP1015 | 327. | QBGFEP2015 | 444. |
| 20 | QBGFEP1020 | 327. | QBGFEP2020 | 444. |
| 25 | QBGFEP1025 | 327. | QBGFEP2025 | 444. |
| 30 | QBGFEP1030 | 327. | QBGFEP2030 | 444. |
| 40 | QBGFEP1040 | 327. | QBGFEP2040 | 487. |
| 50 | — | — | QBGFEP2050 | 487. |

QUICKLAG Type: QBHGFEP 22,000 Ampere I.C. Thermal-Magnetic Breakers

| | | | | |
|----|-------------|------|-------------|------|
| 15 | QBHGFEP1015 | 392. | QBHGFEP2015 | 805. |
| 20 | QBHGFEP1020 | 392. | QBHGFEP2020 | 805. |
| 25 | QBHGFEP1025 | 392. | QBHGFEP2025 | 805. |
| 30 | QBHGFEP1030 | 392. | QBHGFEP2030 | 805. |

Special Application Ground Fault Circuit Protectors — 5 mA Sensitivity

QUICKLAG Type: QBGF 10,000 Ampere I.C. with Bell Alarm (W1) or Auxiliary Switch (W2)

| | | | | |
|----|------------|------|------------|------|
| 15 | QBGF1015W1 | 263. | QBGF2015W1 | 257. |
| 20 | QBGF1020W1 | 263. | QBGF2020W1 | 257. |
| 25 | QBGF1025W1 | 263. | QBGF2025W1 | 257. |
| 30 | QBGF1030W1 | 263. | QBGF2030W1 | 257. |
| 40 | — | — | QBGF2040W1 | 257. |
| 50 | — | — | QBGF2050W1 | 257. |
| 15 | QBGF1015W2 | 263. | — | — |
| 20 | QBGF1020W2 | 263. | — | — |
| 25 | QBGF1025W2 | 263. | — | — |
| 30 | QBGF1030W2 | 263. | — | — |

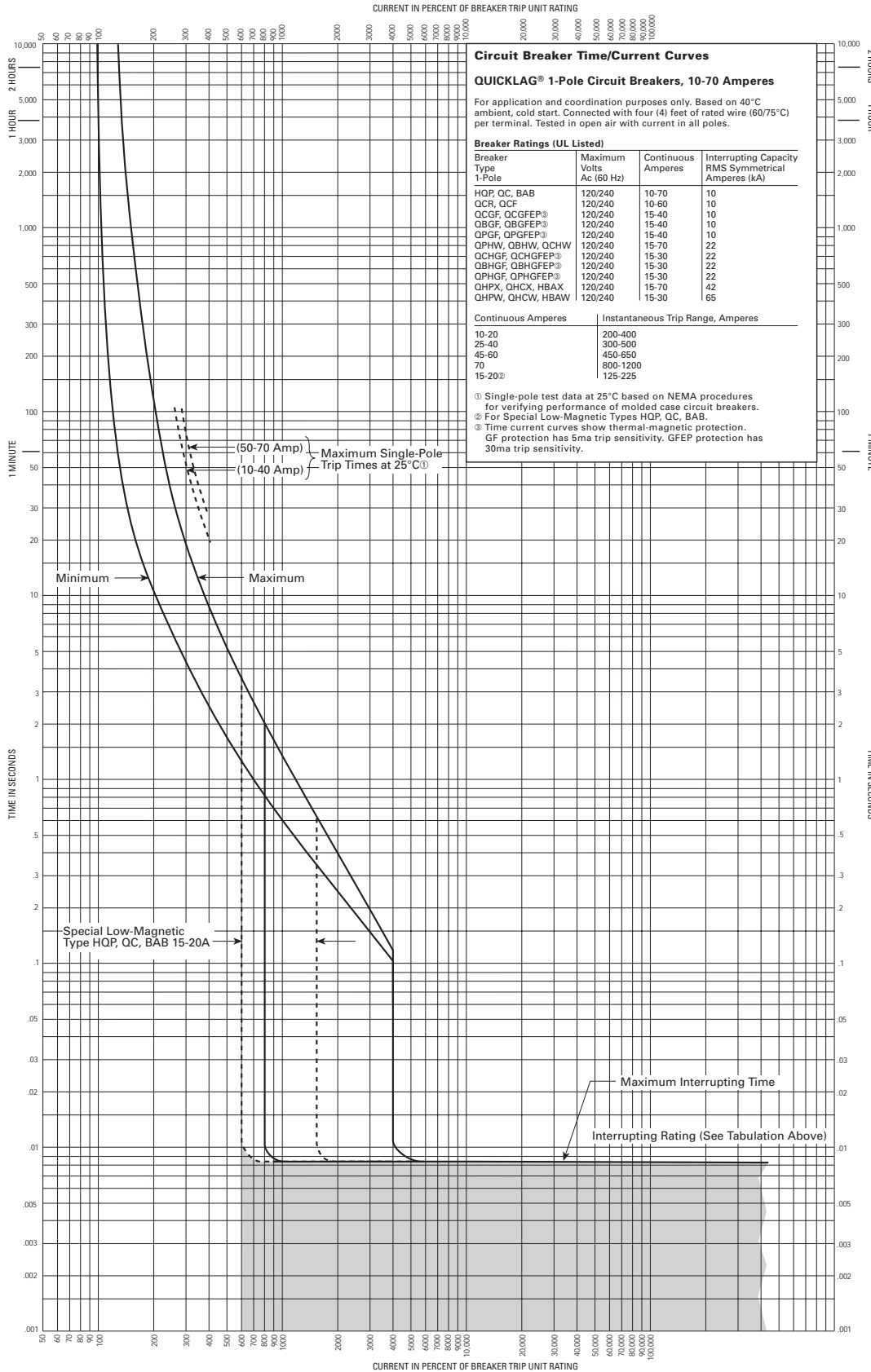
Special Application Ground Fault Circuit Protectors — 30 mA Sensitivity

QUICKLAG Type: QBGFEP 10,000 Ampere I.C. with Bell Alarm (W1) or Auxiliary Switch (W2)

| | | | | |
|----|--------------|------|--------------|------|
| 15 | QBGFEP1015W1 | 424. | QBGFEP2015W1 | 580. |
| 20 | QBGFEP1020W1 | 424. | QBGFEP2020W1 | 580. |
| 25 | QBGFEP1025W1 | 424. | QBGFEP2025W1 | 580. |
| 30 | QBGFEP1030W1 | 424. | QBGFEP2030W1 | 580. |
| 40 | — | — | QBGFEP2040W1 | 625. |
| 50 | — | — | QBGFEP2050W1 | 625. |
| 15 | QBGFEP1015W2 | 424. | — | — |
| 20 | QBGFEP1020W2 | 424. | — | — |
| 25 | QBGFEP1025W2 | 424. | — | — |
| 30 | QBGFEP1030W2 | 424. | — | — |

Discount Symbol CB-1

QUICKLAG 1-Pole Circuit Breakers, 10-70 Amperes



Curve No. SC-3500-77C