

Miniature Circuit Breakers QUICKLAG® Industrial Circuit Breakers

Cutler-Hammer

March 1999

QUICKLAG Industrial Ground Fault Circuit Protectors Bolt-on

Description

Bolt-on Type

Built and Listed to UL 489

QUICKLAG Ground Fault Circuit Breakers, Class A GFCI

Built and Tested to UL 943

5mA Trip Sensitivity

Type QBGF: 15-50 Amperes,
10,000 AIC

Type QBHGF: 15-30 Amperes,
22,000 AIC

QUICKLAG Ground Fault Equipment Protectors

Built and Tested to UL 1053

30mA Trip Sensitivity

Type QBGFEP: 15-50 Amperes,
10,000 AIC

Type QBHGFEP: 15-30 Amperes,
22,000 AIC



QUICKLAG Type QBGF 1-Pole
Ground Fault Circuit Breaker



QUICKLAG Type QBGF 2-Pole
Ground Fault Circuit Breaker

Breaker Catalog Numbers

Continuous Ampere Rating at 40°C	Catalog Number	
	1-Pole	2-Pole
	120 Vac	120/240 Vac

Ground Fault Circuit Breakers – 5mA Sensitivity

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

15	QBGF1015	QBGF2015
20	QBGF1020	QBGF2020
25	QBGF1025	QBGF2025
30	QBGF1030	QBGF2030
40	QBGF1040	QBGF2040
50	—	QBGF2050

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

15	QBHGF1015	QBHGF2015
20	QBHGF1020	QBHGF2020
25	QBHGF1025	QBHGF2025
30	QBHGF1030	QBHGF2030

Ground Fault Equipment Protectors – 30mA Sensitivity

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

15	QBGFEP1015	QBGFEP2015
20	QBGFEP1020	QBGFEP2020
25	QBGFEP1025	QBGFEP2025
30	QBGFEP1030	QBGFEP2030
40	QBGFEP1040	QBGFEP2040
50	—	QBGFEP2050

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

15	QBHGFEP1015	QBHGFEP2015
20	QBHGFEP1020	QBHGFEP2020
25	QBHGFEP1025	QBHGFEP2025
30	QBHGFEP1030	QBHGFEP2030

Special Application Ground Fault Circuit Protectors – 5mA Sensitivity

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

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

Special Application Ground Fault Circuit Protectors – 30mA Sensitivity

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

15	QBGFEP1015W1	QBGFEP2015W1
20	QBGFEP1020W1	QBGFEP2020W1
25	QBGFEP1025W1	QBGFEP2025W1
30	QBGFEP1030W1	QBGFEP2030W1
40	—	QBGFEP2040W1
50	—	QBGFEP2050W1
15	QBGFEP1015W2	—
20	QBGFEP1020W2	—
25	QBGFEP1025W2	—
30	QBGFEP1030W2	—

Shipping Data

Poles	Carton Quantity	Approximate Weight Lbs. (Kgs)	Dimensions Inches (mm)
1	20	11.000 (4.99)	12.500 (317.50) x 6.500 (165.10) x 5.000 (127.00)
2	5	5.000 (2.29)	15.500 (393.70) x 6.000 (152.40) x 4.500 (114.30)

Bell Alarm and Auxiliary Contact Schematic



Single-throw double-pole contacts are UL and CSA listed for 5 Amperes at 250 Vac.

Bell Alarm (W1) – contacts change state when breaker trips.

Auxiliary Switch (W2) – contacts change state when breaker is opened (or tripped) or closed.
14-inch long #18 AWG pigtail wire leads provided.