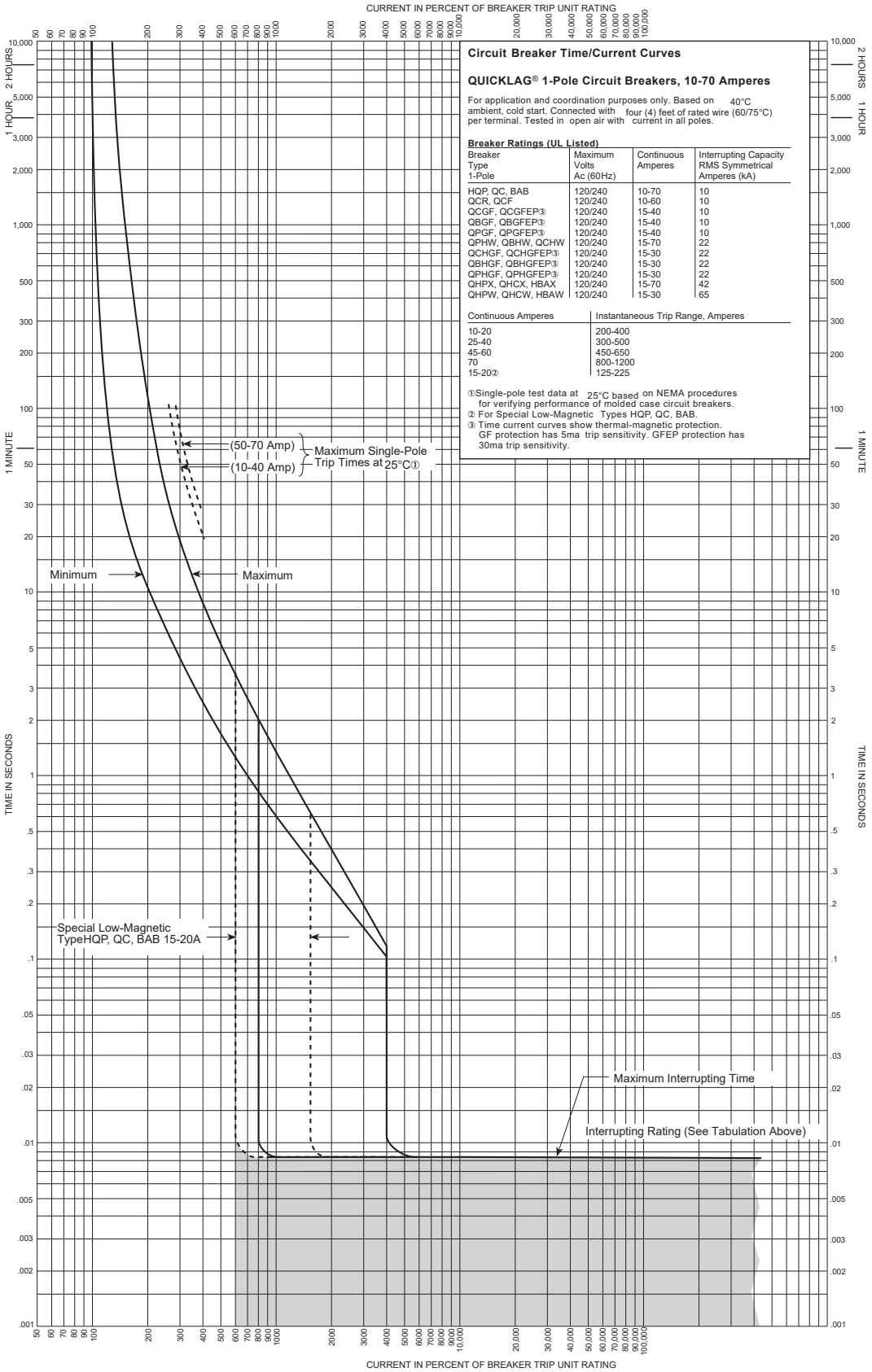
QUICKLAG Industrial Circuit Breakers

Circuit Breaker Time/Current Curves

Description	Curve No.	Page
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QUICKLAG 1-Pole Circuit Breakers, 10-70 Amperes



Circuit Breaker Time/Current Curves

QUICKLAG® 1-Pole Circuit Breakers, 10-70 Amperes

For application and coordination purposes only. Based on 40°C ambient, cold start. Connected with four (4) feet of rated wire (60/75°C) per terminal. Tested in open air with current in all poles.

Breaker Ratings (UL Listed)

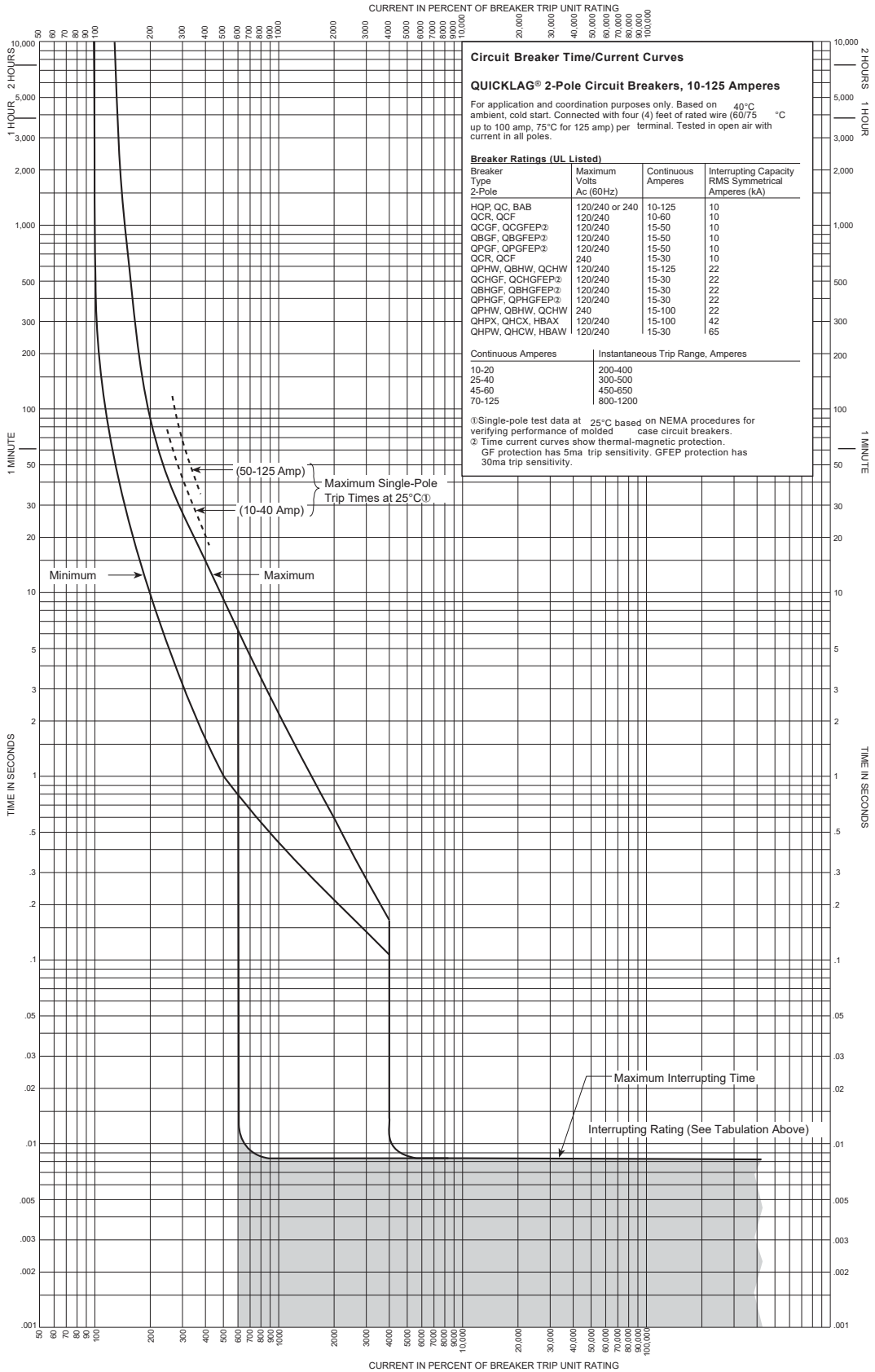
Breaker Type 1-Pole	Maximum Volts Ac (60Hz)	Continuous Amperes	Interrupting Capacity RMS Symmetrical Amperes (kA)
HQP, QC, BAB	120/240	10-70	10
QCR, QCF	120/240	10-60	10
QCGF, QCGFEP③	120/240	15-40	10
QBGF, QBGFEP③	120/240	15-40	10
QPGF, QPGFEP③	120/240	15-40	10
QPHW, QBHW, QCHW	120/240	15-70	22
QCHGF, QCHGFEP③	120/240	15-30	22
QBHGF, QBHGFEP③	120/240	15-30	22
QPHGF, QPHGFEP③	120/240	15-30	22
QHPX, QHCX, HBAX	120/240	15-70	42
QHPW, QHCW, HBAW	120/240	15-30	65

Continuous Amperes	Instantaneous Trip Range, Amperes
10-20	200-400
25-40	300-500
45-60	450-650
70	800-1200
15-20②	125-225

①Single-pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.
② For Special Low-Magnetic Types HQP, QC, BAB.
③ Time current curves show thermal-magnetic protection. GF protection has 5ma trip sensitivity. GFEP protection has 30ma trip sensitivity.

Curve No. SC-3500-77C

QUICKLAG 2-Pole Circuit Breakers, 10-125 Amperes



Circuit Breaker Time/Current Curves

QUICKLAG® 2-Pole Circuit Breakers, 10-125 Amperes

For application and coordination purposes only. Based on 40°C ambient, cold start. Connected with four (4) feet of rated wire (60/75 °C up to 100 amp, 75°C for 125 amp) per terminal. Tested in open air with current in all poles.

Breaker Ratings (UL Listed)

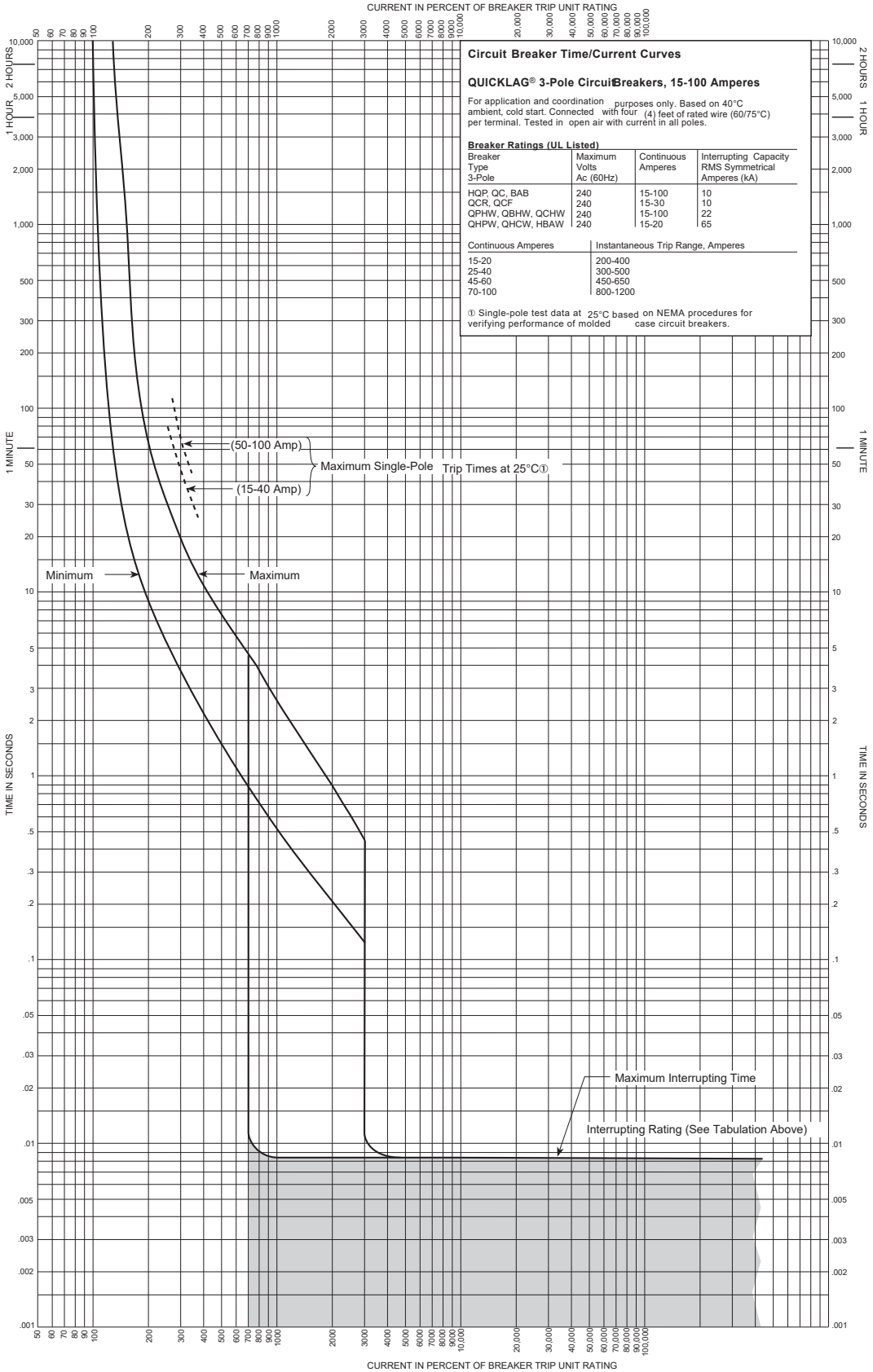
Breaker Type 2-Pole	Maximum Volts Ac (60Hz)	Continuous Amperes	Interrupting Capacity RMS Symmetrical Amperes (kA)
HQP, QC, BAB	120/240 or 240	10-125	10
QCR, QCF	120/240	10-60	10
QCGF, QCGFEP②	120/240	15-50	10
QBGF, QBGFEP②	120/240	15-50	10
QPGF, QPGFEP②	120/240	15-50	10
QCR, QCF	240	15-30	10
QPHW, QBHW, QCHW	120/240	15-125	22
QCHGF, QCHGFEP②	120/240	15-30	22
QBHGF, QBHGFEP②	120/240	15-30	22
QPHGF, QPHGFEP②	120/240	15-30	22
QPHW, QBHW, QCHW	240	15-100	22
QHPX, QHCX, HBAX	120/240	15-100	42
QHPW, QHCW, HBAW	120/240	15-30	65

Continuous Amperes	Instantaneous Trip Range, Amperes
10-20	200-400
25-40	300-500
45-60	450-650
70-125	800-1200

①Single-pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.
② Time current curves show thermal-magnetic protection. GF protection has 5ma trip sensitivity. GFEP protection has 30ma trip sensitivity.

Curve No. SC-3501-77C

QUICKLAG 3-Pole Circuit Breakers, 15-100 Amperes



Circuit Breaker Time/Current Curves

QUICKLAG® 3-Pole Circuit Breakers, 15-100 Amperes

For application and coordination purposes only. Based on 40°C ambient, cold start. Connected with four (4) feet of rated wire (60/75°C) per terminal. Tested in open air with current in all poles.

Breaker Ratings (UL Listed)

Breaker Type 3-Pole	Maximum Volts Ac (60Hz)	Continuous Amperes	Interrupting Capacity RMS Symmetrical Amperes (kA)
HQP, QC, BAB	240	15-100	10
QCR, QCF	240	15-30	10
QPHW, QBHW, QCHW	240	15-100	22
QHPW, QHCW, HBAW	240	15-20	65

Continuous Amperes	Instantaneous Trip Range, Amperes
15-20	200-400
25-40	300-500
45-60	450-650
70-100	800-1200

① Single-pole test data at 25°C based on NEMA procedures for verifying performance of molded case circuit breakers.

Curve No. SC-3502-77C