

Eaton's QUICKLAG Industrial Circuit Breakers ① Plug-In, Bolt-On, Cable-In/Cable-Out, continued

Circuit Breaker Type	Circuit Breaker Type Code	Continuous Ampere Rating at 40°C	Number of Poles	Vac		Federal Spec. W-C-375b	Interrupting Ratings rms Symmetrical Amperes						Page Number
				Vac	Vdc		Vac Ratings			Vdc Ratings ②③			
							120	120/240	240	24-48	62.5	80	
QPHGFT	P, GF	15-30	1	120	—	10a, 11a, 12a	22,000	—	—	—	—	—	V4-T1-9
QPHGFT	P, GF	15-50	2	120/240	—	10a, 11a, 12a	—	22,000	—	—	—	—	V4-T1-9
QPGFEP	P, GFEP	15-40	1	120	—	—	10,000	—	—	—	—	—	V4-T1-9
QPGFEP	P, GFEP	15-50	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-9
QPHGFEP	P, GFEP	15-30	1	120	—	—	22,000	—	—	—	—	—	V4-T1-9
BABRSP	B	15-30	1	120	—	—	10,000	—	—	—	—	—	V4-T1-12
BABRSP	B	15-30	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-12
BRRP	P	15-30	1	120	—	—	10,000	—	—	—	—	—	V4-T1-32
BRRP	P	15-30	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-32
CLRP	P	15-30	1	120	—	—	10,000	—	—	—	—	—	V4-T1-32
CLRP	P	15-30	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-32
BAB	B	10-70	1	120/240	24, 48, 62.5	10a, 11a, 12a	—	10,000	—	5000	④	—	V4-T1-12
BAB	B	10-125	2	120/240	24, 48, 80	10a, 12a	—	10,000	—	5000	5000	5000	V4-T1-12
BAB	B	10-100	2, 3	240	—	10b, 11b, 12b	—	—	10,000	—	—	—	V4-T1-12
BABRP	B	15-30	1	120	—	—	10,000	—	—	—	—	—	V4-T1-32
BABRP	B	15-30	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-32
QBAF	B, AF	15-20	1, 2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-15
QBCAF	B, AF, GF	15-20	1, 2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-15
QBHW	B	15-70	1	120/240	24, 48, 62.5	14a	—	22,000	—	5000	④	—	V4-T1-12
QBHW	B	15-125	2	120/240	24, 48, 80	14a	—	22,000	—	5000	5000	5000	V4-T1-12
QBHW	B	15-100	2, 3	240	—	14b	—	—	22,000	—	—	—	V4-T1-12
HBAX	B	15-70	1	120/240	24, 48, 62.5	—	—	42,000	—	5000	④	—	V4-T1-13
HBAX	B	15-100	2	120/240	24, 48, 80	—	—	42,000	—	5000	5000	5000	V4-T1-13
HBAX	B	15-100	3	240	—	—	—	—	42,000	—	—	—	V4-T1-13
HBAW	B	15-30	1	120/240	24, 48, 62.5	15a	—	65,000	—	5000	④	—	V4-T1-13
HBAW	B	15-30	2	120/240	24, 48, 80	15a	—	65,000	—	5000	5000	5000	V4-T1-13
HBAW	B	15-20	3	240	—	15b	—	—	65,000	—	—	—	V4-T1-13
QBGFT	B, GF	15-40	1	120	—	10a, 11a, 12a	10,000	—	—	—	—	—	V4-T1-18
QBGFT	B, GF	15-50	2	120/240	—	10a, 11a, 12a	—	10,000	—	—	—	—	V4-T1-18
QBHGFT	B, GF	15-30	1	120	—	10a, 11a, 12a	22,000	—	—	—	—	—	V4-T1-18
QBHGFT	B, GF	15-30	1	120/240	—	10a, 11a, 12a	—	22,000	—	—	—	—	V4-T1-18
QBGFEP	B, GFEP	15-40	1	120	—	—	10,000	—	—	—	—	—	V4-T1-18
QBGFEP	B, GFEP	15-50	2	120/240	—	—	—	10,000	—	—	—	—	V4-T1-18
QBHGFEP	B, GFEP	15-30	1	120	—	—	22,000	—	—	—	—	—	V4-T1-18
QBHGFEP	B, GFEP	15-30	2	120/240	—	—	22,000	22,000	—	—	—	—	V4-T1-18
QC	C	10-70	1	120/240	24, 48, 62.5	10a, 11a, 12a	—	10,000	—	5000	④	—	V4-T1-41
QC	C	10-100	2	120/240	24, 48, 80	10a, 12a	—	10,000	—	5000	5000	5000	V4-T1-41
QC	C	10-100	2, 3, 4	240	—	10b, 11b, 12b	—	—	10,000	—	—	—	V4-T1-41
QCD	C	10-60	1, 2	120/240	24, 48, 62.5	—	10,000	10,000	—	3000	3000	—	V4-T1-23
QCD	C	10-100	2, 3	240	24, 48, 62.5	—	—	10,000	—	3000	3000	—	V4-T1-23
QCF	C	10-60	1, 2	120/240	24, 48, 62.5	—	10,000	10,000	—	3000	3000	—	V4-T1-42

Notes

- ① QUICKLAG circuit breakers are suitable for application in relative humidity 0-95% noncondensing.
- ② Two-pole DC interrupting ratings based on two poles connected in series. Not UL listed.
- ③ Breakers at DC ratings are not UL listed.
- ④ 62.5 Vac interrupting rating is 3800 AIC 10-50A and 2500 AIC 55-100A continuous.

Circuit Breaker Type Codes: **P** Plug-In; **B** Bolt-On; **C** Cable-In/Cable-Out; **GF** Ground Fault, 5 mA; **GFEP** Ground Fault, 30 mA.

For Types GHBS, GBHS and BABRP solenoid-operated, remote-controlled circuit breakers, see **Pages V4-T1-31 to V4-T1-36**.

QUICKLAG Type BAB Single-Pole



Contents

<i>Description</i>	<i>Page</i>
Quick Reference	V4-T1-2
QUICKLAG Plug-On Types HQP, QPHW, QHPX, QHPW	V4-T1-5
QUICKLAG Plug-On Ground Fault and Equipment Protectors, Types QPGFT, QPHGFT, QPGFEP, QPHGFEP	V4-T1-8
Bolt-On Types BAB, QBHW, HBAX, HBAW	
Product Selection	V4-T1-12
Dimensions	V4-T1-13
Bolt-On Arc Fault Circuit Interrupter Types	
QBAF, QBCAF	V4-T1-14
Bolt-On Ground Fault and Equipment Protectors, Types QBGFT, QBHGFT, QBGFEP, QBHGFEP	V4-T1-17
Cable-In/Cable-Out Types QC, QCD, QCHW, QHCX, QHCW	V4-T1-20
Cable-In/Cable-Out, 1/2-Inch Wide, Types QCR, QCF, QCRH, QCFH	V4-T1-24
Cable-In/Cable-Out Ground Fault and Equipment Protectors, Types QCGFT, QCHGFT, QCGFEP, QCHGFEP	V4-T1-28
Solenoid-Operated, Remote-Controlled Latching Types BABRP, BABRSP, BRRP and CLRP	V4-T1-31
Solenoid Operator—Remote Controlled Latching for Type GHBS, GBHS and GHQRSP Breakers.	V4-T1-34
International Rated Types HQP, BA, QC, GFMB, GFXBC	V4-T1-37
Special Application Breakers, Types HQP, BA, QC	V4-T1-40

Bolt-On Types BAB, QBHW, HBAX, HBAW

Product Description

- All products 15–100A are HACR rated
- Switching duty rated for 120 Vac fluorescent light applications

Standards and Certifications

- Built and listed to UL 489
- All products UL and CSA listed



Product Selection

QUICKLAG Type BAB
Single-Pole

QUICKLAG Type: BA 10,000A Interrupting Capacity Thermal-Magnetic Breakers

Continuous Ampere Rating at 40°C	Single-Pole 120/240 Vac Catalog Number	Two-Pole 120/240 Vac Catalog Number	Two-Pole 240 Vac Catalog Number	Three-Pole 240 Vac Catalog Number
10	BAB1010	BAB2010	BAB2010H ③	BAB3010H ③
15	BAB1015 ①②	BAB2015	BAB2015H	BAB3015H
20	BAB1020 ①②	BAB2020	BAB2020H	BAB3020H
25	BAB1025	BAB2025	BAB2025H	BAB3025H
30	BAB1030	BAB2030	BAB2030H	BAB3030H
35	BAB1035	BAB2035	BAB2035H	BAB3035H
40	BAB1040	BAB2040	BAB2040H	BAB3040H
45	BAB1045	BAB2045	BAB2045H	BAB3045H
50	BAB1050	BAB2050	BAB2050H	BAB3050H
55	BAB1055	BAB2055	BAB2055H	BAB3055H
60	BAB1060	BAB2060	BAB2060H	BAB3060H
70	BAB1070	BAB2070	BAB2070H	BAB3070H
80	—	BAB2080	BAB2080H	BAB3080H
90	—	BAB2090	BAB2090H	BAB3090H
100	BAB1100	BAB2100	BAB2100H	BAB3100H
110	—	BAB2110	—	—
125	—	BAB2125	—	—

QUICKLAG Type: BA Non-Automatic Switches

Continuous Ampere Rating at 40°C	Single-Pole 120/240 Vac Catalog Number	Two-Pole 120/240 Vac Catalog Number	Two-Pole 240 Vac Catalog Number	Three-Pole 240 Vac Catalog Number
50	BAB1050N	—	BAB2050N	BAB3050N
60	BAB1060N	—	BAB2060N	BAB3060N
100	BAB1100N	—	BAB2100N	BAB3100N

QUICKLAG Type: QBHW 22,000A Interrupting Capacity Thermal-Magnetic Breakers

Continuous Ampere Rating at 40°C	Single-Pole 120/240 Vac Catalog Number	Two-Pole 120/240 Vac Catalog Number	Two-Pole 240 Vac Catalog Number	Three-Pole 240 Vac Catalog Number
15	QBHW1015 ①	QBHW2015	QBHW2015H	QBHW3015H
20	QBHW1020 ①	QBHW2020	QBHW2020H	QBHW3020H
25	QBHW1025	QBHW2025	QBHW2025H	QBHW3025H
30	QBHW1030	QBHW2030	QBHW2030H	QBHW3030H
35	QBHW1035	QBHW2035	QBHW2035H	QBHW3035H
40	QBHW1040	QBHW2040	QBHW2040H	QBHW3040H
45	QBHW1045	QBHW2045	QBHW2045H	QBHW3045H
50	QBHW1050	QBHW2050	QBHW2050H	QBHW3050H
55	QBHW1055	QBHW2055	QBHW2055H	QBHW3055H
60	QBHW1060	QBHW2060	QBHW2060H	QBHW3060H
70	QBHW1070	QBHW2070	QBHW2070H	QBHW3070H
80	—	QBHW2080	QBHW2080H	QBHW3080H
90	—	QBHW2090	QBHW2090H	QBHW3090H
100	—	QBHW2100	QBHW2100H	QBHW3100H
110	—	QBHW2110	—	—
125	—	QBHW2125	—	—

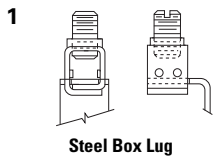
Notes

- ① Switching duty rated for 120 Vac fluorescent light applications.
- ② For special low-magnetic breaker, order **BAB1015L1** or **BAB1020L1**.
- ③ Not UL listed.

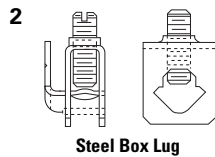
Technical Data and Specifications

Factory-Installed Breaker Terminals

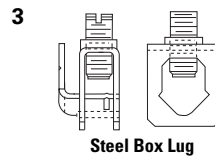
Breaker Type	Continuous Ampere Rating	Standard Line Terminal			Standard Load Terminal			Optional Terminals	
		Terminal Type	Wire Type	Wire Range (AWG)	Terminal Type	Wire Type	Wire Range (AWG)	Line	Load
QUICKLAG Type P HQP, QPHW, QHPX, QHPW	10–30	Plug-on female clips that mate with the bus stabs			1	Cu/Al	14–4	N/A	3
	35–50				2	Cu/Al	14–4	N/A	3
	55–125				3	Cu/Al	8–1/0	N/A	—
QUICKLAG ground fault QPGFT, QPGFEP, QPHGFT, QPHGFEP	10–40	Plug-on female clips that mate with the bus stabs			1 (single-pole)	Cu/Al	14–4	N/A	3
	10–40				1	Cu/Al	—	N/A	3
	10–30				1	Cu	14–8	N/A	—
QUICKLAG Type B BAB, QBHW, HBAX, HBAW	10–40	Extended tangs that bolt directly to the bus			1 (single- and two-pole)	Cu/Al	14–4	N/A	3
	35–50				2 (three-pole)	Cu/Al	14–4	N/A	3
	55–125				3	Cu/Al	8–1/0	N/A	—
QUICKLAG ground fault QBGFT, QBGFEP, QBHGFT, QBHGFEP	10–40	Extended tangs that bolt directly to the bus			1 (single-pole)	Cu/Al	14–4	N/A	N/A
	10–40				1	Cu/Al	14–8	N/A	N/A
	10–30				1	Cu	14–8	N/A	N/A
QUICKLAG Type C QC, QCHW, QHCX, QHCW	10–20	5	Cu/Al	TBD	5	Cu/Al	14–10	6, 7	6, 7, 8
	25–60	6	Cu/Al	TBD	2	Cu/Al	14–4	5, 7	5, 6, 7, 8
	70–100	7	Cu/Al	TBD	3	Cu/Al	8–1/0	5	5, 7, 8
QUICKLAG QCR, QCF	10–55	1	Cu/Al	TBD	1	Cu/Al	14–4	N/A	N/A
	60	1	Cu	TBD	1	Cu	14–4	N/A	N/A
QUICKLAG ground fault QCGFT, QCGFEP, QCHGFT, QCHGFEP	10–20	6	Cu/Al	TBD	14–8	Cu/Al	14–4	6, 7	5
	25–50	6	Cu/Al	TBD	1	Cu/Al	14–4	5, 7	5
	10–30	6	—	—	—	—	—	—	—
QUICKLAG QCD	10–60	9	Cu/Al	14–4	9	Cu/Al	14–4	See Accessories	
	70–100	10	Cu	4–1/0	10	Cu	4–1/0	See Accessories	



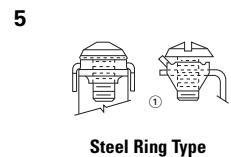
Steel Box Lug



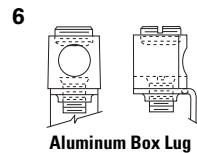
Steel Box Lug



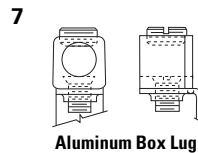
Steel Box Lug



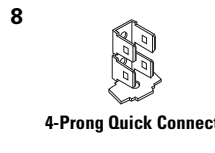
Steel Ring Type



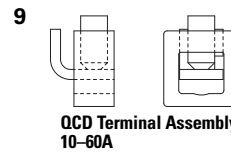
Aluminum Box Lug



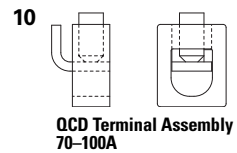
Aluminum Box Lug



4-Prong Quick Connect



QCD Terminal Assembly
10–60A



QCD Terminal Assembly
70–100A

Note

⊙ Clamp on line side only.