

Arc-Fault Circuit Interrupters (AFCI)

Combination Type AFCI[®]

AFCI's detect arcing faults (an unintentional arcing condition in a circuit) that standard circuit breakers are unable to detect. The Combination Type AFCI detects all three possible types of arc fault: line-to-ground, line-to-neutral, and series. The device is intended to mitigate the effects of arcing faults by functioning to de-energize the circuit when an arc-fault is detected.

Breaker Type	Ampere Rating	10,000 A IR	22,000 A IR
		Catalog Number	Catalog Number
MP-AT/MP-HAT 1-Pole 120V AC	15	MP115AFC ^①	MP115AFCH ^{■①}
	20	MP120AFC ^①	MP120AFCH ^{■①}
MP-AT/MP-HAT 2-Pole 120/240V AC	15	MP215AFC ^①	MP215AFCH ^{■①}
	20	MP220AFC ^①	MP220AFCH ^{■①}

Branch-Feeder AFCI

AFCI's detect arcing faults (an unintentional arcing condition in a circuit) that standard circuit breakers are unable to detect. The Branch-Feeder AFCI detects line-to-ground and line-to-neutral arcs. The device is intended to mitigate the effects of arcing faults by functioning to de-energize the circuit when an arc-fault is detected.

MP-AT/ MP-HAT 1-Pole 120V AC	15 20	MP115AF ^① MP120AF ^①	MP115AFH ^{■①} MP120AFH ^{■①}
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Ground-Fault Circuit Interrupters (Class A - 5mA)[®]

Ground-fault circuit interrupters (GFCI) provide Class A ground fault protection. A GFCI is a device intended for personnel protection and will de-energize the circuit when a fault current to ground is 6 milliamperes or more.

MP-GT/MP-HGT 1-Pole 120V AC	15	MP115GF ^①	MP115GFH ^{■①}
	20	MP120GF ^①	MP120GFH ^{■①}
	25	MP125GF [■]	—
	30	MP130GF	MP130GFH [■]
MP-GT/MP-HGT 2-Pole 120/240V AC	15	MP215GF	MP215GFH [■]
	20	MP220GF	MP220GFH [■]
	30	MP230GF	MP230GFH [■]
	40	MP240GF	MP240GFH [■]
	50	MP250GF	MP250GFH [■]
	60	MP260GF	MP260GFH [■]

Ground Fault Equipment Protection (30mA)[®]

Type EQF circuit breakers provide protection of equipment from damaging line-to-ground fault currents by de-energizing the circuit for all ungrounded conductors of the faulted circuit.

MP-ET/MP-HET 1-Pole 120V AC	15	MP115EG ^①	MP115EGH ^{■①}
	20	MP120EG ^①	MP120EGH ^{■①}
	30	MP130EG	MP130EGH [■]
MP-ET/MP-HET 2-Pole 120/240V AC	15	MP215EG	MP215EGH [■]
	20	MP220EG	MP220EGH [■]
	30	MP230EG	MP230EGH [■]
	40	MP240EG	MP240EGH [■]
	50	MP250EG	MP250EGH [■]
	60	MP260EG [■]	MP260EGH [■]

AFCI and GFCI Accessories

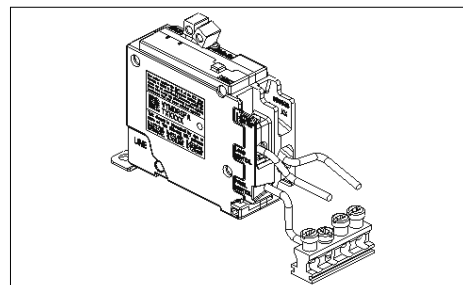
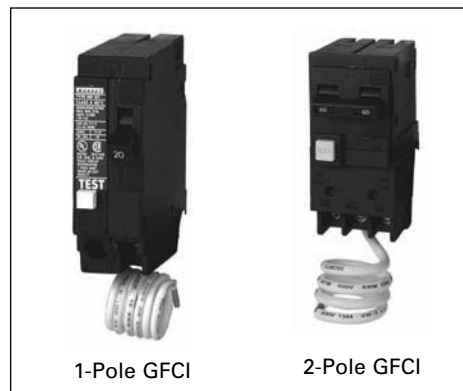
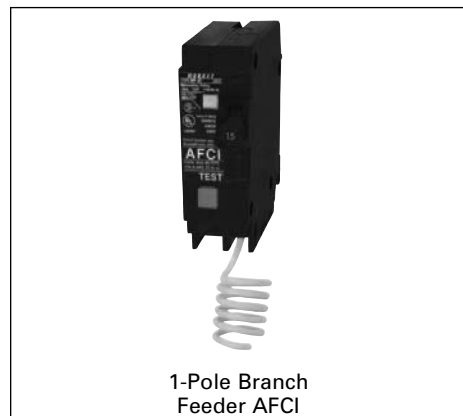
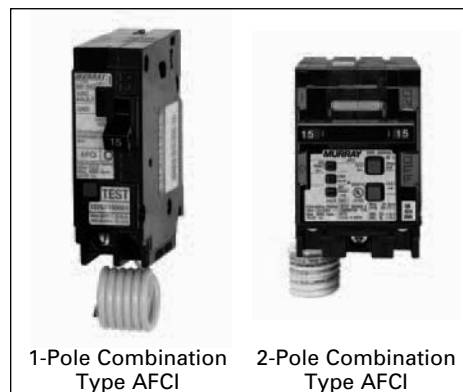
Description	Catalog Number
Padlocking Device for 1" & Twin Breakers	ECPLD1
Padlocking Device for 2" & Quad Breakers	ECPLD2
Handle Blocking Device for 1/2" Circuit Breakers	ECBX231M

■ Built to order. Allow 2-3 weeks for delivery.

①UL Listed as SWD (Switching Duty) Rated, suitable for 120V AC Fluorescent Lighting.

②White line neutral (pigtail) must be connected to the panel neutral for the device to function.

- UL Listed
- HACR & SWD Rated
- Standard 1 inch per pole format with plug-in design



Lug Data

Circuit Breaker Type	Circuit Breaker Ampere Rating	Cables Per Connector	Connector Wire Range
	LOAD SIDE		
MP-T, MP-HT, MP-MT	7	2	#18-#14 CU
	10	2	#16-#14 CU
	15-35	1 1	#14-#16 AWG Cu #14-#16 AWG Al
	40-50	1 1	#8-#6 AWG Cu #8-#4 AWG Al
	55-125	1 1	#8-#2/0 Cu #8-#2/0 Al
MH-T	15-35	1 1	#14-#8 AWG Cu #12-#8 AWG Al
	40	1	#8 AWG CU-AL
	40-50	1 1	#8-#6 AWG Cu #8-#4 AWG Al
MP-GT, MP-HGT, MP-ET, MP-HET BLF, BLHF, BLE, BLEH	15-30	1 1	#14-#10 AWG Cu #12-#8 AWG Al
	40-60	1 1	#8-#6 AWG Cu #8-#4 AWG Al
MP-AT, MP-HAT, BAF, BAFH	15-20	1 1	#14-#12 AWG Cu #12-#10 AWG Al
MSQ	15-20	2	#14-#8 AWG Cu Only
	15-20	1 1	#14-#12 AWG Cu #12-#10 AWG Al
	25-35	1 1	#10-#8 AWG Cu #10-#6 AWG Al
	40-60	1 1	#8-#6 AWG Cu #8-#4 AWG Al
MD-T, MD-HT, MD-MT, MD-PT, MD-TR, MD-HTR, MD-MTR, MD-PTR	150-200	1	#1-300kcmil Cu-Al
M1	100	1	#4-3/0 AWG Cu #4-3/0 AWG Al
		1	#4-3/0 AWG Cu #4-3/0 AWG Al
	125	1	#4-3/0 AWG Cu-Al
M2	150	1	#1-300kcmil Cu-Al
	200	1	#1-300kcmil Cu-Al
	225	1	#1-300kcmil Cu-Al
MPP-T, MPP-HT, MPP-MT, MPP-PT	125	1 1	#1 AWG Cu #2/0 AWG Al
	150	1 1	#1/0 AWG Cu #3/0 AWG Al
	175	1 1	#2/0 AWG Cu #4/0 AWG Al
	200	1 1	#3/0 AWG Cu 250kcmil AWG Al
	225	1 1	#4/0 AWG Cu 300kcmil AWG Al
MQ, MQH, MQL	60-225	1	#6-300kcmil Cu #4-300kcmil Al