

SERIES 174 FLAT-PAK CIRCUIT BREAKER



MANUAL RESET CIRCUIT BREAKERS

SPECIFICATIONS

Single Pole Thermal Type Breakers

Applications: Branch circuit protection for multiple power outlet strips, trucks, RV's, boats, buses, portable generators, building equipment, etc.

Rating: 5-40A; 250VAC/32VDC.

Interrupt Rating: 200A @ 250VAC.

Operating Temperature Rating: -40°F (-40°C) to 185°F (85°C).

Storage Temperature Rating: -40°F (-40°C) to 260°F (125°C).

Materials: Grey UL-Rated 94V-0 thermoplastic.

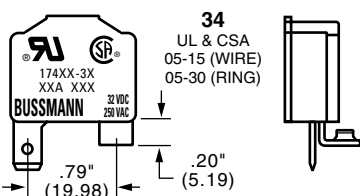
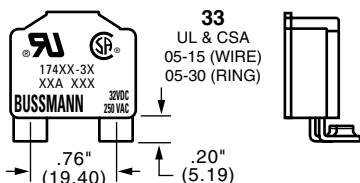
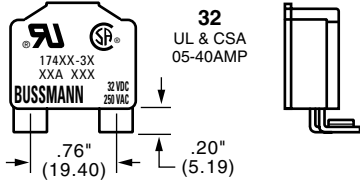
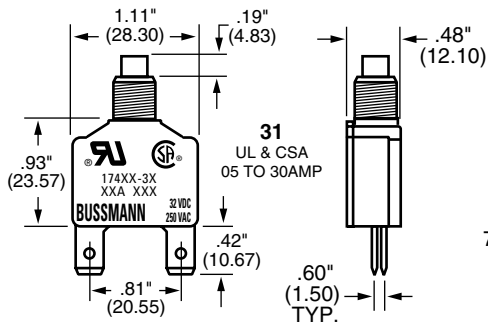
Termination: Threaded or quick-connect options available.

Ingress Protection Rating: IP54 (except at terminals).

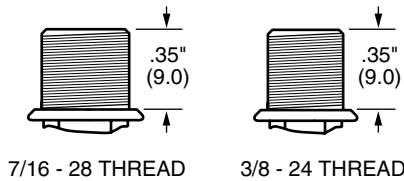
Compliances: UL 1077 & CSA 22.2 No. 235 (See individual terminal styles for specific rating approvals); SAE J553; SAE J1171 (Ignition Protected).

DIMENSIONS (Dims. shown are for reference only. Consult factory for latest prints)

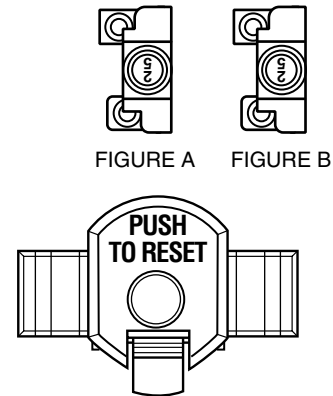
TERMINAL / BASE STYLES



BUSHING / NECK STYLES

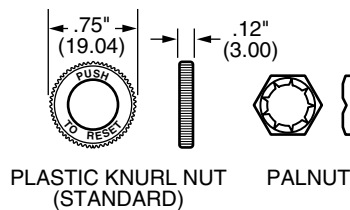


BUTTON MARKING OPTIONS

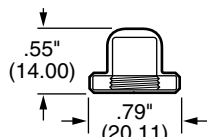
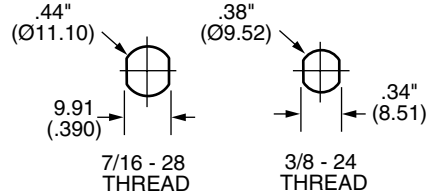


SNAP - ON

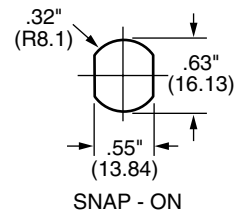
HARDWARE VARIATIONS



RECOMMENDED BUSHING PANEL CUTOUT

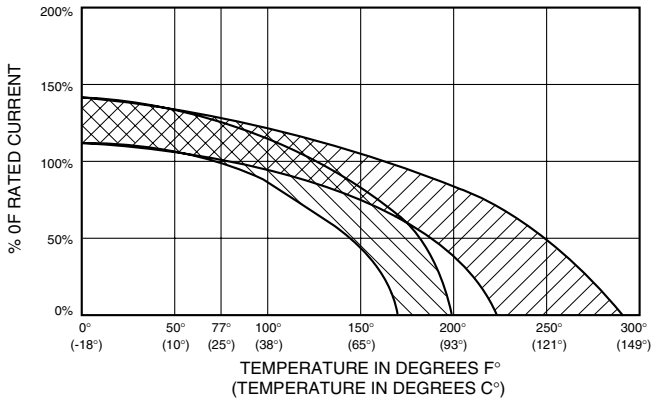



* PLASTIC BOOT
* ALSO AVAILABLE IN BULK
3/8-24 P/N B151-7135-3
7/16-28 P/N B151-7135-1

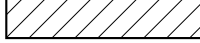


SERIES 174 FLAT-PAK CIRCUIT BREAKER

Temperature Derating Curves for 5-40 Amp. Circuit Breakers
174 SERIES TEMP. VS. CURRENT CURVES

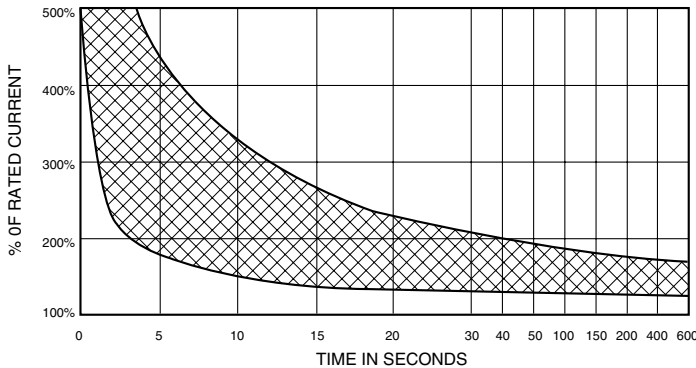


 10 AMP & BELOW
TYPICAL CURVE

 15 AMP & BELOW
TYPICAL CURVE

 COMMON CURVE
ALL VALUES

TIME vs. Percent of Rated Current Curves for 5-40 Amp. Circuit Breakers
174 SERIES TRIP CURVES



PART NUMBERING SYSTEM

Series	Rating	Terminal/ Base	Bushing/ Neck	Button	Hdwr. Pkg.	Bushing Hdwr.	Special Options
174	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> -	<input type="checkbox"/>
174 – Type III 250 VAC/ 32VDC Manual Reset	05 – 5 amps 06 – 6 amps 07 – 7 amps 08 – 8 amps 10 – 10 amps 15 – 15 amps 20 – 20 amps 25 – 25 amps 30 – 30 amps 35 – 35 amps* 40 – 40 amps*	1 – .25" Quick Connect 2 – 10-32 screw - 90° bend 3 – 6-32 screw - 90° bend 4 – .25" Quick Connect with 6-32 screw - 90° bend	1 – 7/16-28 thread 2 – 3/8-24 thread 3 – Snap-on	A – White w/no marking B – Red w/no marking C – Black w/no marking** D – White w/amp marking Fig. A E – White w/amp marking Fig. B F – Red w/amp marking Fig. A G – Red w/amp marking Fig. B	1 – Pack bulk (standard) 2 – Assemble to bushing 3 – No hardware included	A – White plastic knurl nut, anti-rotational B – Black plastic knurl nut, anti-rotational C – White plastic knurl nut, anti-rotational w/ palnut D – Black plastic knurl nut, anti-rotational w/ palnut E – None required for bushing F – Zinc plated steel palnut G – Button boot (thread-on) w/ palnut P – Aluminum knurl nut & palnut R – Black aluminum knurl nut & palnut S – Alum. knurl nut, palnut, black plate w/ white "push-to-reset" T – Alum. knurl nut, palnut, white plate w/ black "push-to-reset" V – Alum. knurl nut & white plate w/ black "push-to-reset" W – Alum. knurl nut & black plate w/ white "push-to-reset" X – Aluminum knurl nut & internal tooth lockwasher Z – Hex nut & internal tooth lockwasher	0 – No hardware 1 – Bulk brass screws for screw terminals 2 – Bulk brass screws and lock- washers for screw terminals 3 – Assembled brass screws for screw terminals 4 – Assembled brass screws and lock- washers for screw terminals

*2 or 3 Style
Terminal Only.

**No marking available
on Black buttons