

# General information

## Catalog number explanation

### Emax breaker

**D 3 V E H B A H 0 A 0 0 0 X X**

**Locking provisions:** X = none;

A = keylock (open)  
 B = button guard  
 C = padlock provision (open)  
 D = withdrawable position lock (connected, test, and disconnected positions)  
 E = withdrawable position lock (test, and disconnected positions)  
 F=A+B; G=A+C; H=A+D; J=A+E; K=B+D; L=B+E;  
 M=C+D; N=C+E; P=A+B+D; Q=A+B+E; R=A+C+D;  
 S=A+C+E; T=heavy duty padlock provision (open);  
 U=A+T; V=T+D; W=T+E; Y=A+T+D; Z=A+T+E

**Accessories:** X=none;

A=mechanical counter; B = bell alarm  
 C=bell alarm w/remote reset 24-30VAC/DC  
 D=bell alarm w/remote reset 110-130VAC/DC  
 E=bell alarm w/remote reset 220-240VAC/DC  
 F=A+B; G=A+C; H=A+D; J=A+E

**Undervoltage trip:** 0=none

50/60Hz & VDC: A=24VDC B=30V  
 C=48V D=60V  
 E=110-120V F=125-127V  
 G=220-240V H=250V  
 J=380-400VAC K=440-480VAC  
 Second shunt trip: L=24VDC M=30V  
 N=48V P=60V  
 Q=110-120V R=125-127V  
 S=220-240V T= 250V  
 U=380-400VAC V=440-480VAC

**Shunt trip:** 0 = none

50/60Hz & VDC: A=24VDC; B=30; C=48; D=60; E=110-120; F=125-127;  
 G=220-240, H=250; J=380-400VAC; K=440-480VAC;  
 L=special low Z=120-127VAC/DC

**Spring charging motor:** (includes spring charged signal, P/N does not show)

0=none, A=24-30VAC/VDC, B=48-60VAC/VDC, C=110-130VAC/VDC,  
 D=220-250VAC/VDC, E=spring charged signal only

**Contacts:** A=4 aux B=10 aux D=UV energ. N.O. E=UV energ. NC  
 F=A & D G=A & E H=B & D J = B & E  
 (15 auxiliary contacts available as separate accessory)

**Closing coil:** 0=none

50/60Hz & VDC: A=24VDC; B=30; C=48; D=60; E=110-120; F=125-127;  
 G=220-240; H=250; J=380-400VAC; K=440-480VAC

**Trip unit accessories:** (not compatible with PR121/P)

A=PR120/K4C; B=PR120/V (bottom; supplied as std on PR123/P); C=PR120/D-M;  
 D=PR120/D-BT; E=A+B; F=A+C; G=A+D; H=A+B+C; I=A+B+D; J=B+C+D;  
 K=A+C+D; L=A+B+C+D; M=B+C; N=PR120/V (top); P=A+N; Q=A+N+C; R=A+N+D;  
 S=N+C+D; T=A+N+C+D; U=N+C; V=B+D; W=N+D; 0=none

**Trip unit:** A=PR121/P, LI; B=PR121/P, LSI; C=PR121/P, LSIG; D=non-automatic; E=PR122/P, LI; F=PR122P, LSI  
 G=PR122/P, LSIG; H=PR122/P, LSIRc<sup>①</sup> J=PR123/P, LSI + PR120/V; K=PR123/P, LSIG + PR120/V

**Version:** B=UL fixed<sup>②</sup>; D=UL drawout, less cradle; F=IEC fixed<sup>③</sup>; W=IEC drawout, less cradle

**Rating plug:** A=400; B=600/630; C=800; D=1000; E=1200/1250; F=1600; G=2000; H=2500; J=3000<sup>②</sup>; K=3200, L=3600<sup>②</sup>;  
 M=4000; N=5000; P=6300<sup>①</sup>; 0=None (Non-automatic only)

**Frame ampere rating:** : A=800; B=1200/1250; C=1600; D=2000; E=2500; F=3200; G=3600; H=4000; J=5000, N=6300<sup>②</sup>;  
 P=1000<sup>②</sup>

**Breaking capacity:** B=basic; N=normal; S=standard; H=high; V=very high; L=limiting; Q=1000VAC, R=750VDC (3P) 1000VDC (4P)<sup>②</sup>;  
 X=200kA<sup>②</sup>

**Frame size:** 1=E1, 3P; 2=E2, 3P; 3=E3, 3P; 4=E4, 3P; 6=E6, 3P;  
 A=E1, 4P; B=E2, 4P; C=E3, 4P; D=E4, 4P; (50% neutral); F=E6, 4P (50% neutral); G=E4, 4P (100% neutral); H=E6, 4P (100% neutral)

① IEC only  
 ② UL only  
 ③ Horizontal terminals are standard except for the E3 3200A; for vertical terminals, see page 16.36 for conversion kit.  
 ④ Available as E3 up to 2000A and E6 up to 5000A.  
 ⑤ Consult factory.