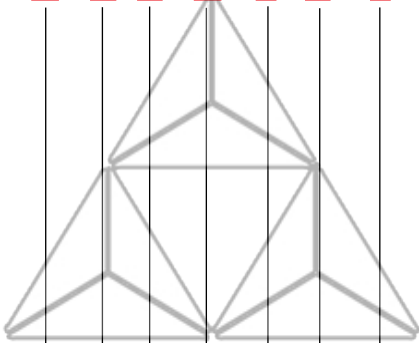


# General information

## 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=PR122/P, 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>②</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>④</sup>; X=200kA<sup>⑤</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.