

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, LSI; D=non-automatic; E=PR122/P, LI; F=PR122/P, LSI
 G=PR122/P, LSI; H=PR122/P, LSIRc^① J=PR123/P, LSI + PR120/V; K=PR123/P, LSI + PR120/V

Version: B=UL fixed^②; D=UL drawout, less cradle; F=IEC fixed^③; 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=3000^②; K=3200, L=3600^②;
 M=4000; N=5000; P=6300^①; 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=6300^①;
 P=1000^①

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

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.

General information

Catalog number information

Emax, cradle (fixed part)

D 3 S 2 5 V A X

Options^①: X=none
R=DC rated (750V 3P, 1000V 4P)^①

Contacts: 0=none
A=5 position auxiliaries, TOC
B=10 position auxiliaries, TOC

Terminal types: (1st letter is upper terminal, 2nd letter is lower terminal)
UL/IEC: H=rear horz. (H=HH); V=rear vert. (V=VV); A=HV; B=VH
IEC ONLY: F=front; L=rear flat; FF=FF; LL=LL; C=HF; D=FH; E=HL; G=LH; J=VF; K=VJ; M=VL;
N=LV; P=FL; Q=LF

Max. ampere rating: UL: 12=1200 (E1); 16=1600 (E2); 20=2000 (E3)^②; 25=2500 (E3); 32=3200 (E3)^②; 36=3600 (E4);
50=5000 (E6)
IEC: 16=1600 (E1); 20=2000 (E2); 32=3200 (E3); 40=4000 (E4); 63=6300 (E6)

Version: UL: N=E1B-A; E1N-A; E2B-A; E2N-A;
H=E2S-A; E2H-A; E4S-A; E4H-A; E4H-A/f; E6H-A; E6H-A/f;
S=E3N-A; E3S-A;
V=E3H-A; E3V-A;
L=E4V-A; E4L-A;
X=E3X-A^③; E6V-A; E6L-A; E6X-A
IEC: C=IEC Cradle

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

① IEC only
② Available as E3 up to 2000A
③ Vertical only up to 2000A
④ Vertical only
⑤ Consult factory for pricing