

General information

Catalog number information

Emax breaker, UL

E 1 S 16 X X X X X X X X X X

Accessories: X = none
A = mechanical counter
B = button guard
F = A & B

Accessories: X = none
A = mechanical trip indicator
B = mechanical trip indicator & bell alarm
C = padlock provision (open)
D = keylock (open)
E = position lock
F = access pos. lock
G = A & C
H = A & D
J = A & E
K = A & F
L = A, C & E
M = A, C & F
N = B & C
P = B & D
Q = B & E
R = B & F
S = B, C & E
T = B, C & F
U = C & E
V = C & F
W = D & E
Y = D & F

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 = 30V, C = 48V, D = 60V, E = 110 – 120V, F = 125 – 127V, G = 220 – 240V, H = 250V, J = 380 – 400VAC, K = 440 – 480VAC

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
E = UV energ. NC
J = B & E
B = 10 aux
F = A & D
K = C & D
C = 15 aux
G = A & E
L = C & E
D = UV energ. N.O.
H = B & D

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

Terminal types: (1st letter is upper terminal, 2nd letter is lower terminal)
H = rear horz ②, V = rear vert. ①
H = HH, V = VV
A = HV, B = VH

Trip unit: A = PR111/P, LI
D = non-automatic
G = PR112/PD, LSI
P = PR113/PD
B = PR111/P, LSI
E = PR112/P, LSI
H = PR112/PD, LSI
C = PR111/P, LSI
F = PR112/P, LSI
N = PR113/P

Version: B = fixed breaker, UL; D = withdrawable breaker, UL, less cradle

Max. ampere rating: 02 = 250, 04 = 400, 08 = 800, 10 = 1000, 12 = 1200, 16 = 1600, 20 = 2000, 25 = 2500, 32 = 3200, 36 = 3600, 40 = 4000, 50 = 5000

Breaking capacity: B = basic, N = normal, S = standard, H = high, V = very high

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; F = 6, 4P

① Will be shipped separately.
② For withdrawable breakers, use "H".
③ Not available with PR112 trip units. External 15A auxiliary kit can be used.