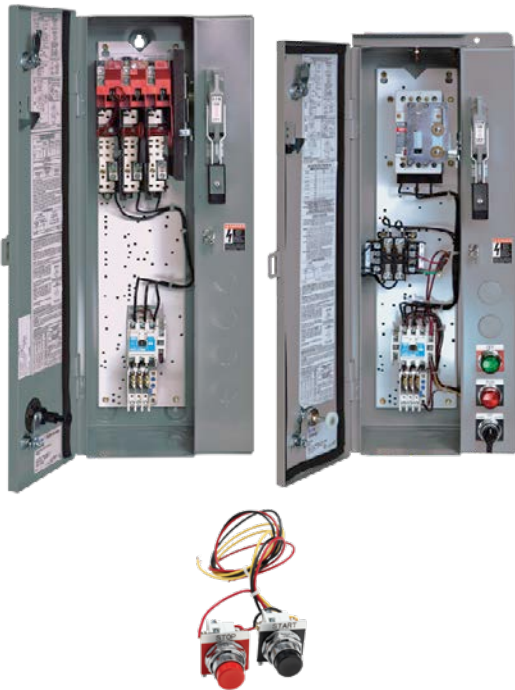


**Motor control made easy**  
Eaton's enclosed control quick ship offering



## Tiered quick ship offering for combination starters



Motor control made easy offers quick shipment of combination starters from our Fayetteville, NC, facility in two tiers, differing in lead time based on configuration. This provides increased flexibility on the starters you need most with a variety of enclosure types, voltage ratings, disconnect styles and cover control options. No opt-in necessary. Lead times are standard and are available to all Eaton customers!

Starter specifications	Offering	Tier 1 ❶ (shipped in 2 days or less)	Tier 2 ❷ (shipped in 5 days or less)
NEMA® size	00-3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Enclosure	Type 1, 12 or 3R	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coil voltage	24 V	—	<input checked="" type="checkbox"/>
	120 V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	208 V	—	<input checked="" type="checkbox"/>
	240 V	—	<input checked="" type="checkbox"/>
	480 V	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Control power transformer	CPT optional	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Overload relay	C440 electronic overload relay	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Bimetallic overload relay	—	<input checked="" type="checkbox"/>
Disconnect style	Non-fusible disconnect	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fusible disconnect	—	<input checked="" type="checkbox"/>
	Circuit breaker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cover control	Field-installable cover control kits	<input checked="" type="checkbox"/>	—
	Factory-installed cover control	—	<input checked="" type="checkbox"/>

❶ Lead times valid for orders up to 5 units.

**EATON**

Powering Business Worldwide

# Tier 1—shipped in 2 days or less<sup>1</sup>

## ECN

Starter type
16 = Disconnect
18 = Disconnect w/CPT
22 = Circuit breaker
24 = Circuit breaker w/CPT

NEMA size
A = Size 00
0 = Size 0
1 = Size 1
2 = Size 2
3 = Size 3

Enclosure type
1 = Type 1, general purpose
2 = Type 3R, rainproof
8 = Type 12, dust-tight

Coil voltage or CPT	
Coil voltage	CPT primary/secondary
A = 120 V	B = 240 V/120 V
C = 460 V	C = 480 V/120 V
	E = 208 V/120 V
	R = 240 V/24 V
	S = 480 V/24 V

Circuit breaker rating
A = None (non-fusible disconnect)
B = 3 A
C = 7 A
D = 15 A
E = 30 A
F = 50 A
W = 70 A
G = 100 A

Overload
R63/B = 1–5 A, C440 SSOL
R63/C = 4–20 A, C440 SSOL
R63/D = 9–45 A, C440 SSOL
R63/E = 20–100 A, C440 SSOL

Cover control
A = None

Note: See cover control kits.

### Field-installable cover control kits

Order as separate part numbers. Multiple kits can be used to achieve desired configuration. Maximum of five knockouts in cover.

C400T1 = START/STOP pushbuttons
C400T12 = HAND/OFF/AUTO selector switch
C400T9A = Red RUN pilot light (120 V)
C400T10A = Green OFF pilot light (120 V)
C400T11A = Red RUN/Green OFF pilot lights (120 V)
C400T13 = START/STOP selector switch
C400T14 = ON/OFF selector switch

# Tier 2—shipped in 5 days or less<sup>1</sup>

## ECN

Starter type
16 = Disconnect
18 = Disconnect w/CPT
22 = Circuit breaker
24 = Circuit breaker w/CPT

NEMA size
A = Size 00
0 = Size 0
1 = Size 1
2 = Size 2
3 = Size 3

Enclosure type
1 = Type 1, general purpose
2 = Type 3R, rainproof
8 = Type 12, dust-tight

Coil voltage or CPT	
Coil voltage	CPT primary/secondary
A = 120 V/60 Hz	B = 240 V/120 V
B = 240 V/60 Hz	C = 480 V/120 V
C = 460 V/60 Hz	E = 208 V/120 V
E = 208 V/60 Hz	R = 240 V/24 V
T = 24 V/60 Hz	S = 480 V/24 V

Overload
Blank = Bimetallic
R63/B = 1–5 A, C440 SSOL
R63/C = 4–20 A, C440 SSOL
R63/D = 9–45 A, C440 SSOL
R63/E = 20–100 A, C440 SSOL

Modifications
Blank = None
A23 = 1NO/1NC aux. contacts (top mounted)
A29 = 1NO/1NC aux. contacts
A30 = 2NO aux. contacts
A31 = 2NC aux. contacts
C3 = 100 VA extra capacity CPT
C42 = 50 VA extra capacity CPT
S29 = Single-phase starter

Cover control
B = Start/Stop pushbuttons
C = Start/Stop pushbuttons, run (R) pilot light
D = Start/Stop pushbuttons, run (R), Off (G) pilot lights
H = Hand/Off/Auto selector switch
J = Hand/Off/Auto selector switch, run (R) pilot light
K = Hand/Off/Auto selector switch, run (R), Off (G) pilot lights
P = Run-Red pilot light
Q = Off-Green pilot light
R = Run (R)—Off (G) pilot lights
S = Start/Stop selector switch
T = Start/Stop selector switch, run (R) pilot light
U = Start/Stop selector switch, run (R), Off (G) pilot lights
V = On/Off selector switch
W = On/Off selector switch, run (R) pilot light
X = On/Off selector switch, run (R), Off (G) pilot lights

Circuit breaker rating	
B = 3 A	F = 50 A
C = 7 A	W = 70 A
D = 15 A	G = 100 A
E = 30 A	

Fuse clip rating	
A = None (non-fusible disconnect)	D = 60 A/250 V
B = 30 A/250 V	E = 60 A/600 V
C = 30 A/600 V	F = 100 A/250 V
	G = 100 A/600 V

<sup>1</sup> Lead times valid for orders up to 5 units.

<sup>2</sup> Heater packs not included. For heater pack selection, see Eaton Catalog Volume 10, CA08100012E, Tab 15.

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