

2.1

NEMA Contactors and Starters

Freedom Full Voltage Controls

2

Type 1 Combination and All Type 3R, 4X and 12 Cover Control

- Cover control for combination starters uses 10250T style devices as standard
- Selector switches are maintained with lever operators
- Pushbuttons are momentary type with extended pushbutton
- The kit includes hardware and connecting wires (where possible)
- For factory installed control devices other than shown below, refer to modification codes, **Tab 15**

10250T Cover Control Kits



Type 1 Combination and All Type 3R, 4X and 12 Cover Control ^①

Description	Factory Installed Flange Control Position 9 Cover Control Code	Field Installation Kits Catalog Number
Non-Reversing		
No cover mounted pilot devices	A	—
START/STOP pushbuttons	B	C400T1
With red RUN pilot light	C	—
With red RUN/green OFF lights	D	—
ON/OFF pushbuttons	E	C400T2
With red RUN pilot light	F	—
With red RUN/green OFF lights	G	—
HAND/OFF/AUTO selector switch	H	C400T12
With red RUN pilot light	J	—
With red RUN/green OFF lights	K	—
START pushbutton	L	C400T3
ON pushbutton	M	C400T4
OFF pushbutton	N	C400T5
Red RUN pilot light	P	C400T9 ^②
Green OFF	Q	C400T10 ^②
Red RUN/green OFF pilot lights	R	C400T11 ^②
START/STOP selector switch	S	C400T13
With red RUN pilot light	T	—
With red RUN/green OFF lights	U	—
ON/OFF selector switch	V	C400T14
With red RUN pilot light	W	—
With red RUN/green OFF lights	X	—
Reversing		
No cover mounted pilot devices	A	—
FOR/REV/STOP pushbuttons	B	C400T6
With two red pilot lights	C	—
With two red/one green pilot lights	D	—
UP/STOP/DOWN pushbuttons	E	—
With two red pilot lights	F	—
FOR/OFF/REV selector switch	H	C400T15
With two red pilot lights	J	—
With two red/one green pilot lights	K	—
Two red pilot lights	P	^③
One green pilot light	Q	C400T10 ^②
Two red/one green pilot lights	R	—
OPEN/OFF/CLOSE selector switch	V	C400T16
With two red pilot lights	W	—
With two red/one green pilot lights	X	—

Notes

- ^① For Type 1 non-combination field installation kits, see **Page V10-T2-7**.
^② Add code letter from the table below to catalog number for voltage—kits only. Example: C400T9**B**.

Rating	Code Letter	Rating	Code Letter	Rating	Code Letter
120 V 60 Hz	A	277 V 60 Hz	H	480 V 60 Hz	C
208V 60 Hz	E	380 V 50 Hz	L	600 V 60 Hz	D
240 V 60 Hz	B				

- ^③ Order quantity (2) of **C400T10**.

Class ECN23—Combination Reversing Starter—Circuit Breaker, continued ^①

NEMA Size	Motor Voltage	Maximum hp Rating	Magnet Coil Voltage ^②	Circuit Breaker Size	Type 1 General Purpose Catalog Number	Type 3R Rainproof Catalog Number	Type 4X Watertight and Dust-Tight Stainless Steel ^③ Catalog Number	Type 12 Dust-Tight Industrial External Reset ^{④⑤} Catalog Number	Component Starter (Open) Catalog Number
2	200	10	120	50 A	ECN2321AAF	ECN2322AAF	ECN2324AAF	ECN2328AAF	AN56GN0AB
	230	10			ECN2321AAF	ECN2322AAF	ECN2324AAF	ECN2328AAF	
		15		70 A	ECN2321AAW	ECN2322AAW	ECN2324AAW	ECN2328AAW	
	460	25	120	50 A	ECN2321AAF	ECN2322AAF	ECN2324AAF	ECN2328AAF	
	575	15		30 A	ECN2321AAE	ECN2322AAE	ECN2324AAE	ECN2328AAE	
		25		50 A	ECN2321AAF	ECN2322AAF	ECN2324AAF	ECN2328AAF	
3	200	20	120	100 A	ECN2331AAG	ECN2332AAG	ECN2334AAG	ECN2338AAG	AN56KN0A
		25			ECN2331AAX	ECN2332AAX	ECN2334AAX	ECN2338AAX	
	230	25			ECN2331AAG	ECN2332AAG	ECN2334AAG	ECN2338AAG	
		30			ECN2331AAX	ECN2332AAX	ECN2334AAX	ECN2338AAX	
	460	50	120	100 A	ECN2331AAG	ECN2332AAG	ECN2334AAG	ECN2338AAG	
	575	30			ECN2331AAF	ECN2332AAF	ECN2334AAF	ECN2338AAF	
		50			ECN2331AAG	ECN2332AAG	ECN2334AAG	ECN2338AAG	
					ECN2331AAX	ECN2332AAX	ECN2334AAX	ECN2338AAX	
4	200	40	120	150 A	ECN2341AAH	ECN2342AAH	ECN2344AAH	ECN2348AAH	AN56NN0A
	230	50			ECN2341AAH	ECN2342AAH	ECN2344AAH	ECN2348AAH	
	460	100			ECN2341AAH	ECN2342AAH	ECN2344AAH	ECN2348AAH	
	575	100			ECN2341AAH	ECN2342AAH	ECN2344AAH	ECN2348AAH	
5	200	50	230	250 A	ECN2351AAJ	ECN2352AAJ	ECN2354AAJ	ECN2358AAJ	AN56SN0AB
		75		400 A	ECN2351AAK	ECN2352AAK	ECN2354AAK	ECN2358AAK	
	230	60		250 A	ECN2351AAJ	ECN2352AAJ	ECN2354AAJ	ECN2358AAJ	
		100		400 A	ECN2351AAK	ECN2352AAK	ECN2354AAK	ECN2358AAK	
	460	125		250 A	ECN2351AAJ	ECN2352AAJ	ECN2354AAJ	ECN2358AAJ	
		200		400 A	ECN2351AAK	ECN2352AAK	ECN2354AAK	ECN2358AAK	
	575	150		250 A	ECN2351AAJ	ECN2352AAJ	ECN2354AAJ	ECN2358AAJ	
		200		400 A	ECN2351AAK	ECN2352AAK	ECN2354AAK	ECN2358AAK	

Notes

Starters do not include heater packs. Select one carton of three heater packs. For heater pack selection, see **Tab 15**.

Starters with electronic overload, see Modification Codes in **Tab 15**, or solid-state overload codes on **Page V10-T2-5**.

^① 100,000 rms short-circuit—480 V; 25,000 rms short-circuit—600 V.

^② For other magnet coil voltages substitute the eighth digit with appropriate digit based on modification table on **Page V10-T2-4**.

^③ The catalog numbers listed in the Type 4X column are for Type 4X 304-Grade stainless steel, as indicated by the **seventh** digit.

Example: ECN2324AAF. To order Type 4X 316-Grade stainless steel, change that digit to **9**. To order Type 4 painted steel, change that digit to **3**. To order non-metallic, change that digit to **5**. For details on these alternate enclosures, see **Tab 13**.

^④ All Type 12 enclosures are standardized with external reset. For internal reset, order modification code **R5**.

^⑤ Type 12 enclosure is without safety door interlock. When safety door interlock is required, add modification **E11**.