

Mechanical Interlock and Reversing Kits

Mechanical interlocks and reversing kits are designed for field assembly of reversing contactors or starters from Freedom Series components. The reversing kits include a mechanical

interlock, stabilizer bar and a pre-cut, trimmed and formed wire set. Auxiliary contacts, if required, must be ordered separately. See **Page V10-T15-2**.

Mechanical Interlock



Mechanical Interlock Only ^{1 2}

Application		
NEMA Size	Contacting Mounting	Catalog Number
00-2	Horizontal	C321KM60B
3	Horizontal	C321KM30
3 to 4	Horizontal	C321KM43
4	Horizontal	C321KM40
4 to 5	Horizontal	C321KM45
4 to 6	Horizontal	C321KM80
5	Horizontal	C321KM50
5 to 6	Horizontal	C321KM56
6	Horizontal	C321KM70
6 to 7	Horizontal	C321KM90
7	Horizontal	C321KM34
4 or 5 to 6	Vertical	C321KM55
5 to 6	Vertical	C321KM65
6	Vertical	C321KM66
6 to 7	Vertical	C321KM67

Reversing Kits (Horizontal Contactor Mounting Only)

Application		Application	
NEMA Size	Catalog Number	NEMA Size	Catalog Number
00	C321KM60K14B	—	C321KM60K21 ³
0	C321KM60K13B	—	C321KM60K18 ³
1	C321KM60K15B	4	C321KM60K19 ³
2	C321KM60K16B	5	C321KM60K20 ³
3	C321KM60K17 ³	—	C321KM60K44 ³

Solid-State Timers

Solid-State ON DELAY Timer—Side-Mounted on Freedom Series NEMA 00-2 and C25D, C25E and C25F Frame

This timer is designed to be **wired in series with the load** (typically a coil). When the START button is pushed (power applied to timer), the

ON DELAY timing function starts. At the completion of the set timing period, timer and series wired load will both be energized.

Solid-State Timer



Mounted Timer Product Selection

Timing Range	Catalog Number ^{4 5 6}
0.1-1.0 seconds	C320TDN1_
1-30 seconds	C320TDN30_
30-300 seconds	C320TDN300_
5-30 minutes	C320TDN2000_

Pneumatic Timers—Top-Mounted

Attachment mounts on top of any NEMA Size 00-2 Freedom Series starter or contactor (top-mounted auxiliary contacts can not be installed on device when timer

is used). Timer unit has 1NO-1NC isolated timed contacts—circuits in each pole must be the same polarity. Units are convertible from OFF to ON DELAY or vice-versa.

Pneumatic Timer



Product Selection

Timing Range	Catalog Number
0.1-30 seconds	C320TP1
10-180 seconds	C320TP2

Maximum Ampere Ratings

Description	Volts AC			
	120	240	480	600
Make	30	15	7.5	6
Break	3	1.5	0.75	0.6

Notes

- ¹ Without cross-wiring.
- ² For use with latest series product.
- ³ Kit includes two NC auxiliary contacts.
- ⁴ Add operating voltage suffix to catalog number. **A** = 120V, **B** = 240V, **E** = 208V.
- ⁵ Rated 0.5A pilot duty—not to be used on larger contactors.
- ⁶ Terminal connections are quick connects only. Two per side.