

# 2.1

## NEMA Contactors and Starters

### Freedom Series

2

#### Transient Suppressor Kits

##### NEMA Sizes 00–2, IEC Sizes A–K

These kits limit high voltage transients produced in the control circuit when power is removed from the contactor or starter coil. There are three separate suppressors for use on 24–120V, 208–240V or 277–480V coils respectively.

These devices mount directly to the coil terminals of Freedom Series contactors or starters NEMA Sizes 00–2, IEC Sizes A–K and lighting contactors 10–60A. Reversing devices will require two.

##### C320TS2



##### NEMA Sizes 00–2, IEC Sizes A–K

Description	Coil Voltage ①	Catalog Number
Transient suppressor	24/120V	C320TS1 e
	208/240V	C320TS2
	277/480V	C320TS3

##### NEMA Sizes 3–5, IEC Sizes L–S

This device mounts on top of any side mounted auxiliary contact on Freedom Series NEMA Sizes 3–5, IEC Sizes L–S and lighting contactors 100–300A. It connects across coil terminals on any 120V contactor or starter magnet

coil (reversing starters or contactors require 2).

Limits high voltage transients produced in the circuit when power is removed from the coil.

##### C320AS1



##### NEMA Sizes 3–5, IEC Sizes L–S

Description	Coil Voltage	Catalog Number
Transient suppressor	120V	C320AS1

#### Add-On Power Pole Kit ②

##### NEMA Sizes 00–0, IEC Sizes A–F

This device mounts on the side of Freedom NEMA Size 00–0 and IEC Sizes A–F contactors. One unit can be mounted on each side and

carries UL, cUL and IEC ratings. The device is rated for resistive, inductive and lighting applications.

##### NEMA Sizes 00–0, IEC Sizes A–F

UL Ampere Rating				IEC 947 Ampere Rating					
Inductive 600V	Resistive 600V	Horsepower Single-Phase		Locked Rotor 240V	Lighting Ballast Tungsten 480V	AC-1 600V	AC-3 600V	AC-5a AC-5b 480V	1NO Power Pole Catalog Number
		115V	230V						
15	20	1/2	2	96	20	20	12	18	C320PPD10

#### Notes

- ① Suppressor is compatible with coil voltages/ranges as shown, both 50 and 60 Hz.
- ② Power pole kits sold for replacement purposes only. For new applications, order the correct four-pole and five-pole contactor catalog numbers.

#### Adhesive Dust Cover

##### NEMA Sizes 00–2, IEC Sizes A–K

These adhesive stickers come 25 to a package and provide extra protection from contaminants when applied to the sides of Freedom NEMA Sizes 00–2 and IEC

Sizes A–K. Adhesive covers are easily applied to side opening where auxiliaries are not installed and provide extra protection from metal filings and other debris.

##### NEMA Sizes 00–2, IEC Sizes A–K

Description	Catalog Number
25 to a package	C320DSTCVR