

# 3 Pole Contactor 50–120 FLA



3 pole contactors are typically used in commercial applications. These contactors utilize three wires to control electrical current direction. Our engineers and quality specialists provide services that meet or exceed customer requirements—all products undergo in-house testing and validation. We carry extensive inventory to meet delivery schedules.

### **Features**

- 3 Pole NO
- Silver Cadmium Oxide Contacts
- UL 508 File No. E227250
- CSA File No. 221260 (1456104)
- Multiple mounting and termination options available, contact us for more information.

#### Specifications

#### **Initial Dielectric Strength**

Between Contacts & Coils: 2,200 VAC

Between Poles: 2,200 VAC

Between Open Contacts: 2,200 VAC

#### **Arc Cover**

Standard

#### **Insulation System**

130°C Class B

#### **Temperature Range**

-40°C to +65°C

-40°F to +150°F

#### **Unit Weight**

50-60 FLA 32 oz 75-120 FLA 64 oz

#### **Power Pole Terminations**

Aluminum box lug

#### Wire Size

50–60 FLA Box Lug 14-2 75–90 FLA Box Lug 14-1

#### **Recommended Tightening Torque**

Box lug: 50 in. lbs

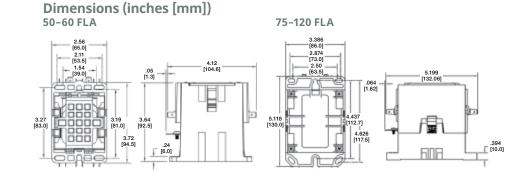
#### **Quick Connects**

Coil terminals:

Dual: .250" QC or #6-32 screw/.250" QC

Power terminals:

Dual .250" QC



We can custom engineer a solution to meet any need. Just ask.



# 3 Pole Contactor 50–120 FLA

## **HCD Series**

3 Pole Contactors					
50	65	300	250	200	
60	75	360	300	240	
75	90	450	375	300	
90	120	540	450	360	
120	150	720	600	480	

3 Pole Contactors								
50	3	-	10	15	-	30	-	30
60	5	-	10	25	_	30	_	30
75	5	-	15	25	_	40	_	40
90	7.5	-	20	30	_	50	_	50
120	7.5	-	20	30	_	50	_	50

Suitable for use on a circuit capable of delivering not more than 5k rms symmetrical amperes, 600 Volts maximum at 400% of fuse and circuit breaker.

Suitable for use on a circuit capable of delivering not more than 100k rms symmetrical amperes as shown.

	Maximum	Circuit Breaker	Maximum J Fuse		
	480 Volts Maximum	Minimum Enclosure Volume	600 Volts Maximum	Minimum Enclosure Volume	
05	150 A	256 cu. in.	200 A	256 cu. in.	
06	150 A	256 cu. in.	200 A	256 cu. in.	
07	225 A	1008 cu. in.	200 A	1008 cu. in.	
09	225 A	1008 cu. in.	200 A	1008 cu. in.	
12	225 A	1008 cu. in.	200 A	1008 cu. in.	

**Note:** for a circuit capable of delivering more than 5k rms symmetrical amperes, the equipment enclosure must have a minimum of four fastening points or a piano hinge and two fastening points.